For Research Use Only

human IBA1 Monoclonal antibody, PBS Only

Catalog Number:66827-1-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
66827-1-PBS

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG28236

GenBank Accession Number:
BC009474

GeneID (NCBI):
199

ENSEMBL Gene ID:
ENSG00000204472

UNIPROT ID:
P55008

Full Name:
allograft inflammatory factor 1

Calculated MW:
17 kDa

Purification Method:
Protein A purification

CloneNo.:
1C6A10

Applications

Tested Applications:
IHC, IHC-Autostainer, ELISA

Species Specificity:
human

Background Information

IBA1 is a 143 amino acid cytoplasmic, inflammation response scaffold protein. It is constitutively expressed in monocytes and macrophages and is known to be involved in macrophage activation. It is a marker of activated macrophage. Expression of IBA1 is up-regulated in activated microglia following facial nerve axotomy, ischemia, and several brain diseases, thereby implicating it in the activated phenotypes of microglia.

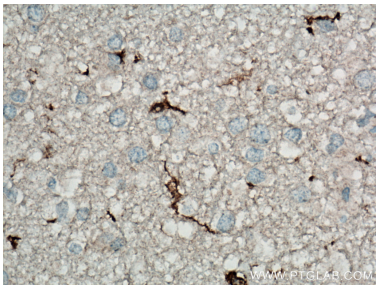
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

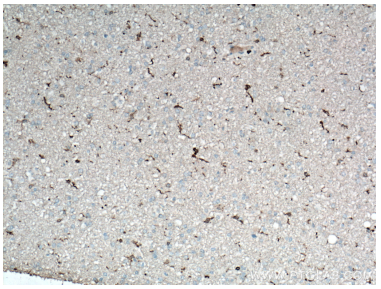
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

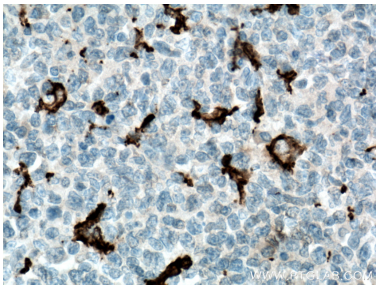
Selected Validation Data



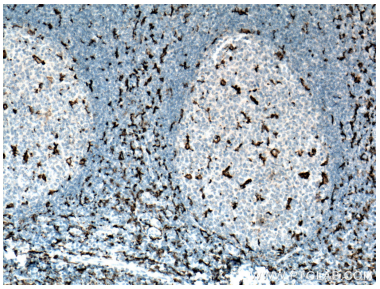
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 66827-1-Ig (IBA1 antibody) at dilution of 1:4000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



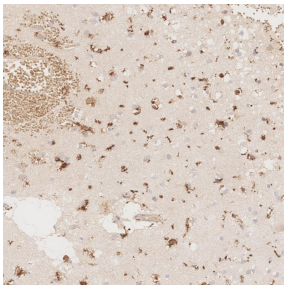
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 66827-1-Ig (IBA1 antibody) at dilution of 1:4000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



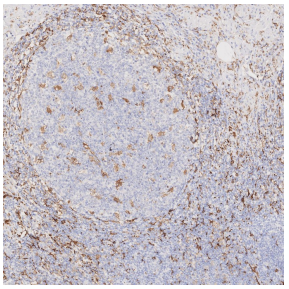
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66827-1-Ig (IBA1 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



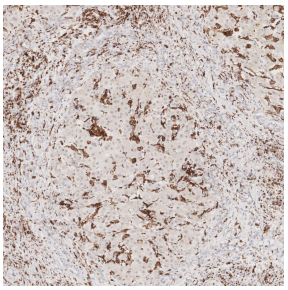
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66827-1-Ig (IBA1 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



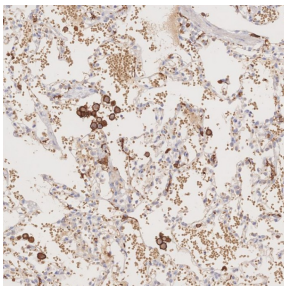
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). The staining was performed on an autostainer. This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



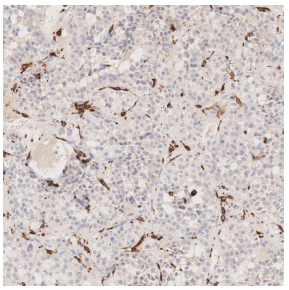
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). The staining was performed on an autostainer. This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



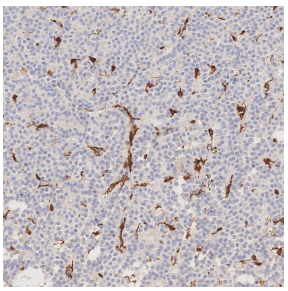
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). The staining was performed on an autostainer. This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.

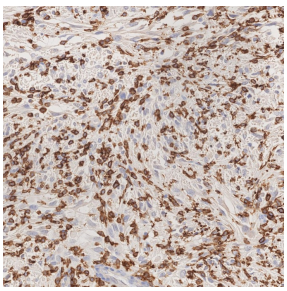


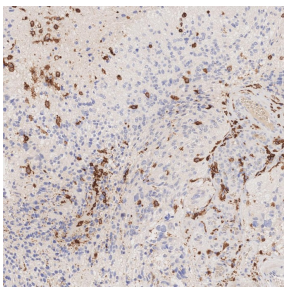
Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). The staining was performed on an autostainer. This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



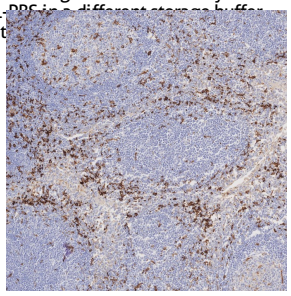
Immunohistochemical analysis of paraffin-embedded human pituitary adenoma tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). The staining was performed on an autostainer. This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



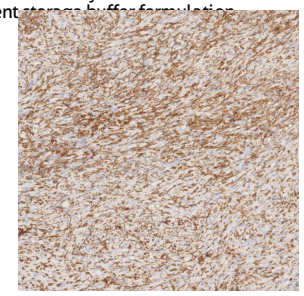




Immunohistochemical analysis of paraffin-embedded human pituitary adenoma tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). The staining was performed on an autostainer. This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulat



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). The staining was performed on an autostainer. This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



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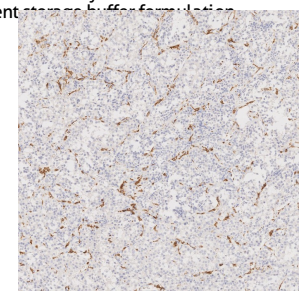
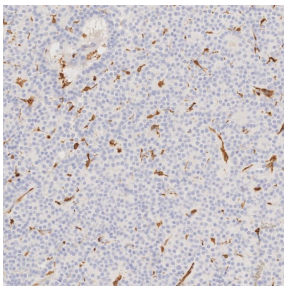
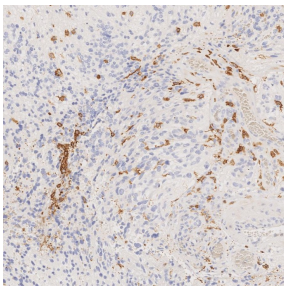


Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). The staining was performed on an autostainer. This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded human pituitary adenoma tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



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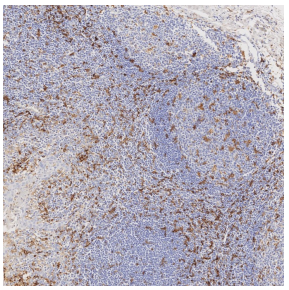
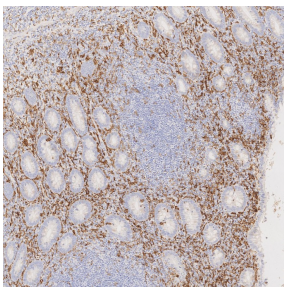
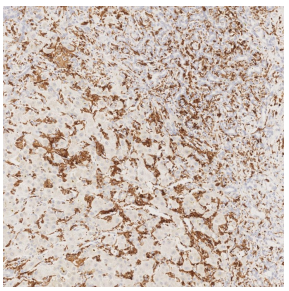


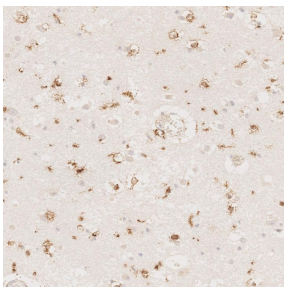
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



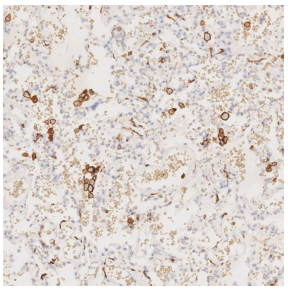
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 66827-1-Ig (human IBA1 antibody) at dilution of 1:4000. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66827-1-PBS in a different storage buffer formulation.