

For Research Use Only

STAT6 Monoclonal antibody, PBS Only

Catalog Number: 66717-1-PBS



Basic Information

Catalog Number:

66717-1-PBS

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG0410

GenBank Accession Number:

BC005823

GeneID (NCBI):

6778

UNIPROT ID:

P42226

Full Name:

signal transducer and activator of transcription 6, interleukin-4 induced

Calculated MW:

100 kDa

Observed MW:

95 kDa

Purification Method:

Protein A purification

CloneNo.:

2E5B8

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Background Information

STAT6, also named as Signal transducer and activator of transcription 6, is a 847 amino acid protein, which belongs to the transcription factor STAT family. STAT6 forms a homodimer or a heterodimer with a related family member. STAT6 translocates into the nucleus in response to phosphorylation. STAT6 is Involved in IL4/interleukin-4- and IL3/interleukin-3-mediated signaling.

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

For technical support and original validation data for this product please contact:

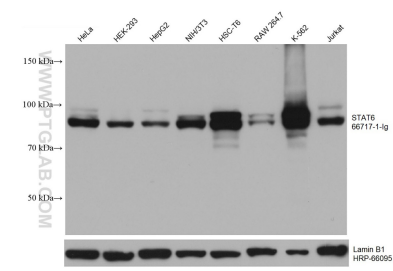
T: 4006900926

E: Proteintech-CN@ptglab.com

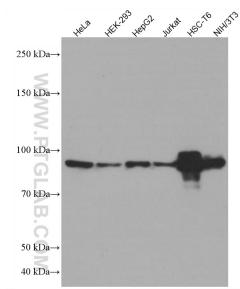
W: ptgcn.com

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

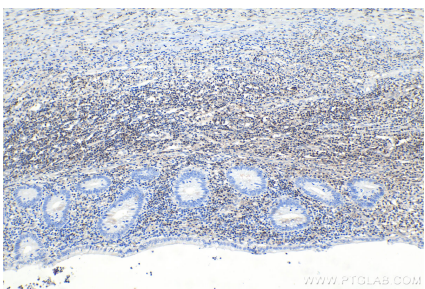
Selected Validation Data



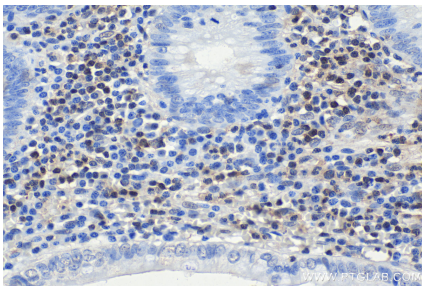
Various lysates were subjected to SDS PAGE followed by western blot with 66717-1-Ig (STAT6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was developed using the same antibody clone with 66717-1-PBS in a different storage buffer formulation.



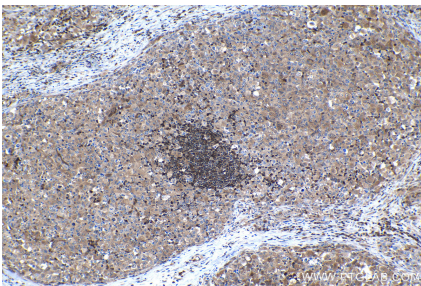
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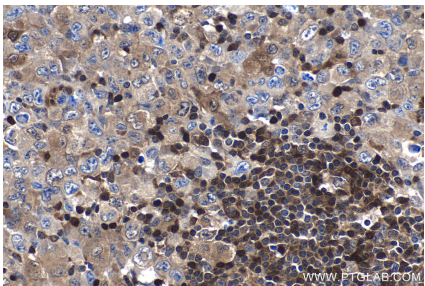
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66717-1-Ig (STAT6 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66717-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66717-1-Ig (STAT6 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66717-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66717-1-Ig (STAT6 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 66717-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66717-1-Ig (STAT6 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 66717-1-PBS in a different storage buffer formulation.