

For Research Use Only

TLR4 Monoclonal antibody, PBS Only

Catalog Number: 66350-1-PBS

Featured Product



Basic Information

Catalog Number:

66350-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG13857

GenBank Accession Number:

BC117422

GeneID (NCBI):

7099

UNIPROT ID:

O00206

Full Name:

toll-like receptor 4

Calculated MW:

839 aa, 96 kDa

Observed MW:

100-110 kDa

Purification Method:

Protein A purification

CloneNo.:

3G9A4

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat, pig

Background Information

TLR4, also named CD284, belongs to the Toll-like receptor family. TLR4 interacts with LY96 and CD14 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). TLR4 acts via MYD88, TIRAP and TRAF6, leading to NF- κ B activation, cytokine secretion, and the inflammatory response. Three alternatively spliced transcript variants that encode different protein isoforms have been described.

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:

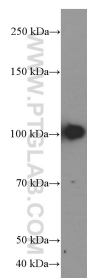
T: 4006900926

E: Proteintech-CN@ptglab.com

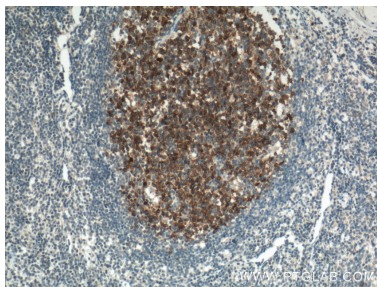
W: ptgcn.com

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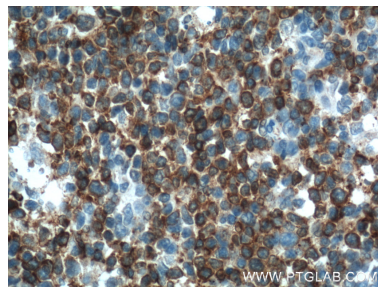
Selected Validation Data



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 66350-1-Ig (TLR4 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66350-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66350-1-Ig (TLR4 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66350-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66350-1-Ig (TLR4 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66350-1-PBS in a different storage buffer formulation.