

For Research Use Only

Human IgM Recombinant monoclonal antibody, PBS Only

Catalog Number: 87380-1-PBS



Basic Information

Catalog Number:

87380-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG6742

GenBank Accession Number:

BC020240

GeneID (NCBI):

3507

Full Name:

immunoglobulin heavy constant mu

Observed MW:

75 kDa

Purification Method:

Protein A purification

CloneNo.:

252244E5

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

This antibody detects the heavy chain of human IgM (~75 kDa).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

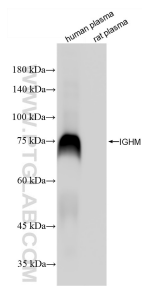
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

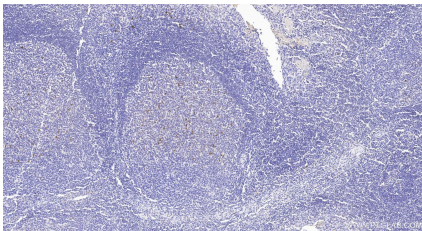
E: proteintech@ptglab.com
W: ptglab.com

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

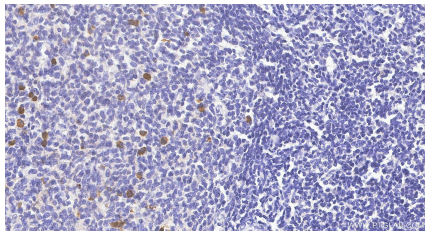
Selected Validation Data



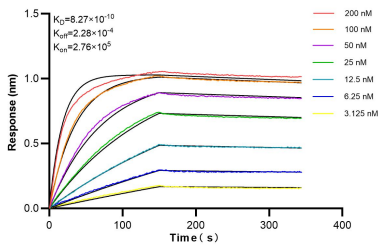
Various lysates were subjected to SDS PAGE followed by western blot with 87380-1-RR (Human IgM antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87380-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 87380-1-RR (Human IgM 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 87380-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 87380-1-RR (Human IgM 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 87380-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87380-1-RR against Human IgM were performed. The affinity constant is 0.827 nM.