

For Research Use Only

Human IgM Recombinant monoclonal antibody

Catalog Number: 87380-1-RR



Basic Information

Catalog Number:	87380-1-RR	GenBank Accession Number:	BC020240	Purification Method:	Protein A purification
Source:	Rabbit	GeneID (NCBI):	3507	CloneNo.:	252244E5
Isotype:	IgG	Full Name:	immunoglobulin heavy constant mu	Recommended Dilutions:	WB: 1:2000-1:10000 IHC: 1:500-1:2000
Immunogen Catalog Number:	EG6742	Observed MW:	75 kDa		

Applications

Tested Applications:	WB, IHC, ELISA	Positive Controls:	
Species Specificity:	human	WB :	human plasma,
		IHC :	human tonsillitis tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

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

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

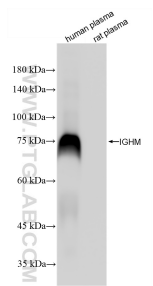
T: 4006900926

E: Proteintech-CN@ptglab.com

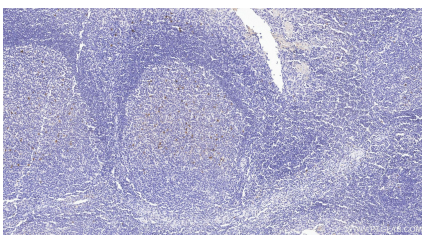
W: ptgcn.com

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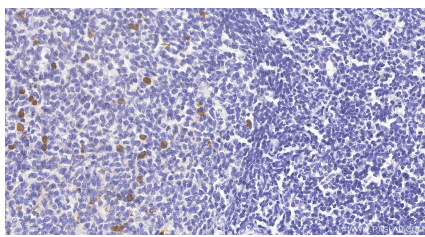
Selected Validation Data



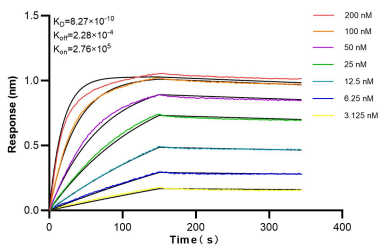
Various lysates were subjected to SDS PAGE followed by western blot with 87380-1-RR (Human IgM antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).



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).



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