

For Research Use Only

Human Ig Lambda Light Chain Recombinant monoclonal antibody

Catalog Number: 87680-2-RR



Basic Information

Catalog Number: 87680-2-RR	GenBank Accession Number: GeneID (NCBI): 3500	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Full Name: immunoglobulin heavy constant gamma 1 (G1m marker)	CloneNo.: 251292B12
Source: Rabbit	Observed MW: 25-30 kDa	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:5000-1:20000
Isotype: IgG		
Immunogen Catalog Number: EG6676		

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : human plasma, Recombinant protein
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human tonsillitis tissue,

Background Information

Human Immunoglobulin Lambda Light Chain 1, encoded by the IGLC1 gene, is the constant region of the lambda light chain that pairs with a variable region to form a functional antibody, playing a critical role in immune response by contributing to antigen binding and structural diversity.

Storage

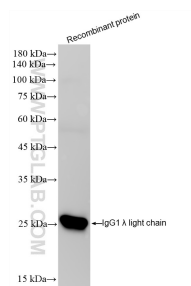
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

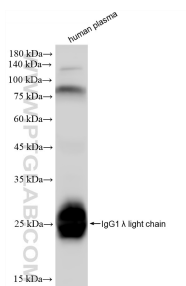
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

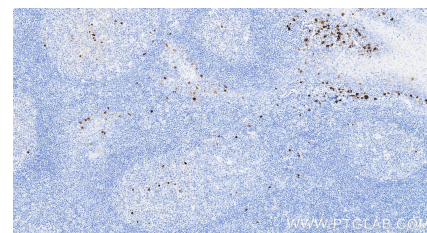
Selected Validation Data



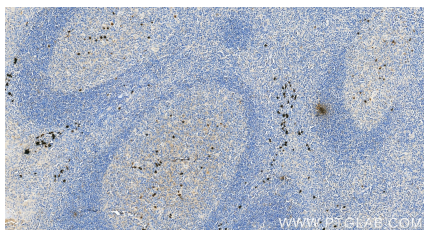
Recombinant protein were subjected to SDS PAGE followed by western blot with 87680-2-RR (Human Ig, λ Light Chain 1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



human plasma were subjected to SDS PAGE followed by western blot with 87680-2-RR (Human Ig, λ Light Chain 1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 87680-2-RR (Human Ig, λ Light Chain 1 antibody) at dilution of 1:10000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 87286-17-RR (Human Ig, λ Light Chain 1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).