

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
Source: Rabbit	Full Name: immunoglobulin heavy constant gamma 1 (G1m marker)	CloneNo.: 251292B12
Isotype: IgG	Observed MW: 25-30 kDa	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:5000-1:20000
Immunogen Catalog Number: EG6676		

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : human plasma, Recombinant protein 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

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

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

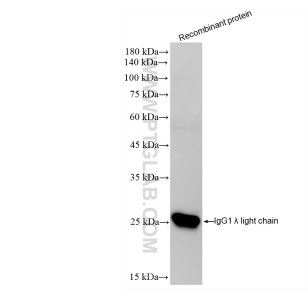
T: 4006900926

E: Proteintech-CN@ptglab.com

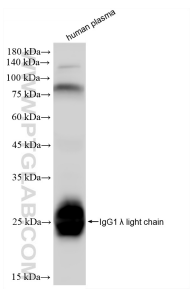
W: ptgcn.com

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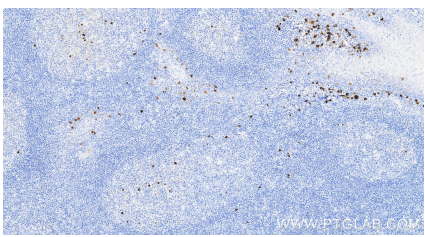
Selected Validation Data



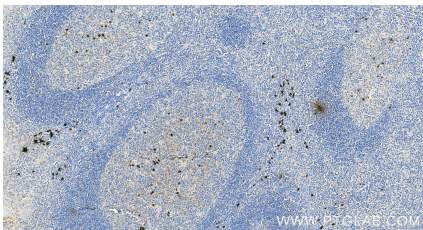
Recombinant protein were subjected to SDS PAGE followed by western blot with 87680-2-RR (Human Ig, λ Light Chain 1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).