For Research Use Only

Human Ig lambda chain Monoclonal antibody

Catalog Number:67762-1-Ig

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
67762-1-Ig

Size:
150ul , Concentration: 500 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG14783

GenBank Accession Number:
BC007782

GeneID (NCBI):
3537

Full Name:
immunoglobulin lambda constant 1 (Mcg marker)

Calculated MW:
233 aa, 25 kDa

Observed MW:
~25 kDa

Purification Method:
Protein A purification

CloneNo.:
1D12B5

Recommended Dilutions:
WB: 1:2000-1:10000
IHC: 1:5000-1:20000
IF-P: 1:200-1:800

Applications

Tested Applications:
WB, IHC, IF-P, ELISA

Species Specificity:
human

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

Positive Controls:

WB : human plasma,

IHC : human tonsillitis tissue,

IF-P : human appendicitis tissue,

Background Information

This antibody detects Lambda chain of human immunoglobulin.

Storage

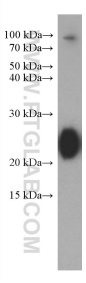
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

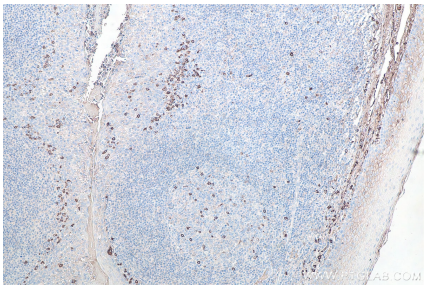
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

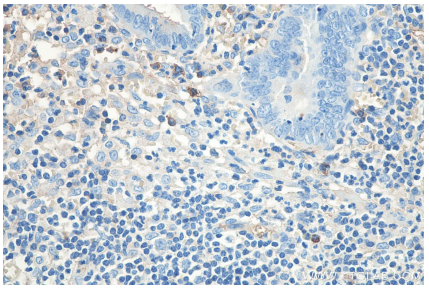
Selected Validation Data



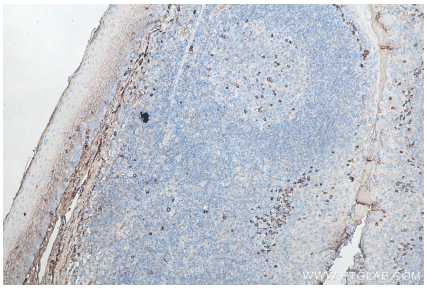
80 nL human plasma were subjected to SDS PAGE followed by western blot with 67762-1-Ig (Human IgG lambda chain antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



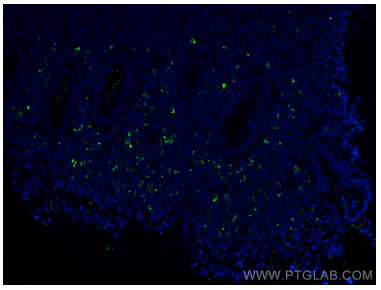
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67762-1-Ig (Human IgG lambda chain antibody) at dilution of 1:20000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 67762-1-Ig (Human IgG lambda chain antibody) at dilution of 1:10000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67762-1-Ig (Human IgG lambda chain antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human appendicitis tissue using Human IgG lambda chain antibody (67762-1-Ig, Clone: 1D12B5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).