

For Research Use Only

IgG lambda chain Monoclonal antibody



Catalog Number: 67762-1-Ig

Basic Information

Catalog Number: 67762-1-Ig	GenBank Accession Number: BC007782	Purification Method: Protein A purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 3537	CloneNo.: 1D12B5
Source: Mouse	Full Name: immunoglobulin lambda constant 1 (Mcg marker)	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:1250-1:5000 IF 1:400-1:1600
Isotype: IgG2a	Calculated MW: 233 aa, 25 kDa	
Immunogen Catalog Number: AG14783	Observed MW: ~25 kDa	

Applications

Tested Applications:

IF, IHC, WB, 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 : human tonsillitis tissue,

Background Information

This antibody detects Lambda chain of human IgG.

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

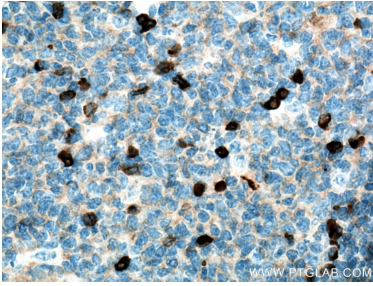
For technical support and original validation data for this product please contact:

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

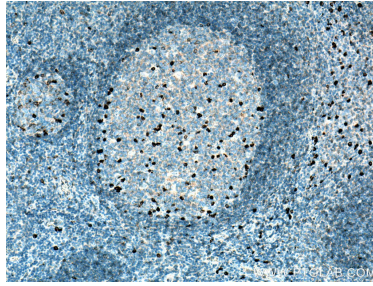
E: proteintech@ptglab.com
W: ptglab.com

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

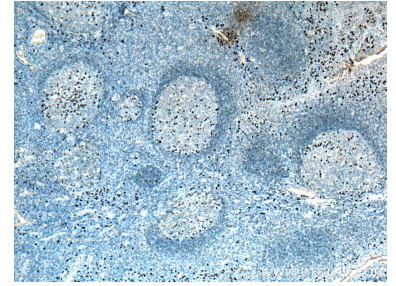
Selected Validation Data



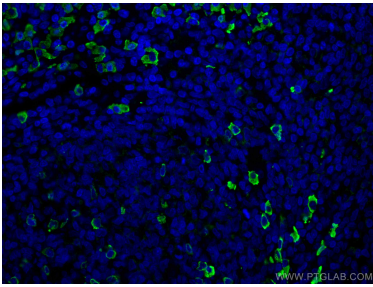
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67762-1-Ig (Human IgG lambda chain antibody) at dilution of 1:2500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



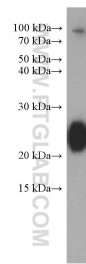
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67762-1-Ig (Human IgG lambda chain antibody) at dilution of 1:2500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67762-1-Ig (Human IgG lambda chain antibody) at dilution of 1:2500 (under 4x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using Human IgG lambda chain antibody (67762-1-Ig, Clone: 1D12B5) at dilution of 1:150 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



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.