

For Research Use Only

Human IgG Heavy chain Monoclonal antibody

Catalog Number: 67760-1-Ig



Basic Information

Catalog Number:

67760-1-Ig

Size:

150ul , Concentration: 1000 ug/ml by Nanodrop and 643 ug/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Calculated MW:

155 kDa

Observed MW:

~50 kDa

Purification Method:

Protein A purification

CloneNo.:

1C6B4

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:2500-1:10000

IF-P 1:50-1:500

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 tonsillitis tissue,

Background Information

This antibody detects the heavy chain of human IgG.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

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:

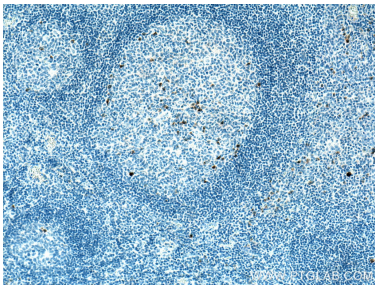
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

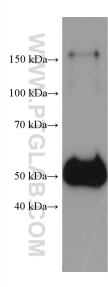
W: ptglab.com

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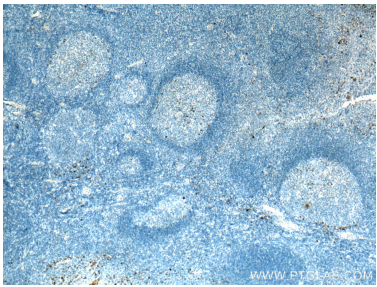
Selected Validation Data



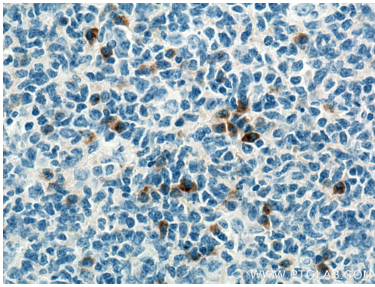
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67760-1-Ig (Human IgG Heavy chain antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



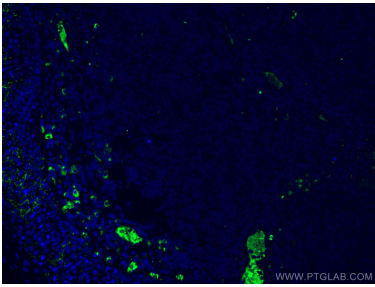
16 nL human plasma were subjected to SDS PAGE followed by western blot with 67760-1-Ig (Human IgG Heavy chain antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67760-1-Ig (Human IgG Heavy chain antibody) at dilution of 1:5000 (under 4x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67760-1-Ig (Human IgG Heavy chain antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using Human IgG Heavy chain antibody (67760-1-Ig, Clone: 1C6B4) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67760-1-Ig (Human IgG Heavy chain antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).