

For Research Use Only

# IgG Kappa chain Monoclonal antibody



Catalog Number: 67761-1-Ig

## Basic Information

<b>Catalog Number:</b> 67761-1-Ig	<b>GenBank Accession Number:</b> GeneID (NCBI):	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop and 439 µg/ml by Bradford method using BSA as the standard;	<b>Full Name:</b> <b>Calculated MW:</b> 155 kDa	<b>CloneNo.:</b> 4D11F7
<b>Source:</b> Mouse	<b>Observed MW:</b> ~25 kDa	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:2500-1:10000
<b>Isotype:</b> IgG1		

## Applications

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

## Background Information

This antibody detects the Kappa 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

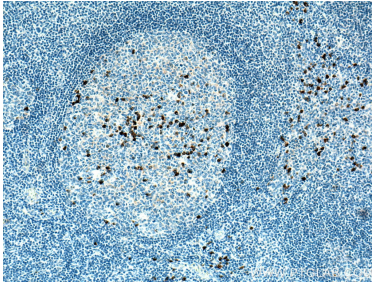
For technical support and original validation data for this product please contact:

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

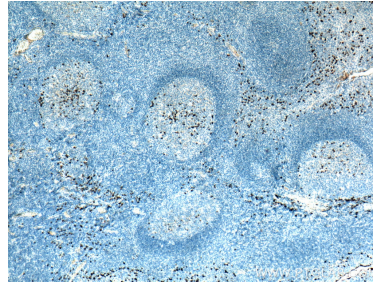
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

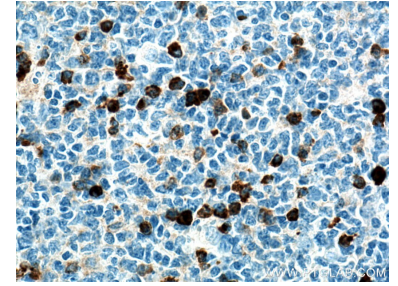
## Selected Validation Data



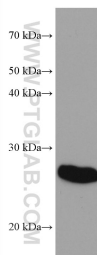
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67761-1-Ig (Human IgG Kappa chain antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67761-1-Ig (Human IgG Kappa 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 67761-1-Ig (Human IgG Kappa chain antibody) at dilution of 1:5000 (under 40x 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 67761-1-Ig (Human IgG Kappa chain antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.