

For Research Use Only

# IgG Kappa Light Chain Polyclonal antibody



Catalog Number: 11781-1-AP

## Basic Information

<b>Catalog Number:</b> 11781-1-AP	<b>GenBank Accession Number:</b> BC030814	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 28299	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> immunoglobulin kappa variable 1-5	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 239 aa, 26 kDa	
<b>Immunogen Catalog Number:</b> AG2406	<b>Observed MW:</b> 26 kDa, 13 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

human, mouse

**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 tissue, A549 cells, K-562 cells, mouse spleen tissue

IHC : human tonsillitis tissue,

## Background Information

This antibody detects the kappa light 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

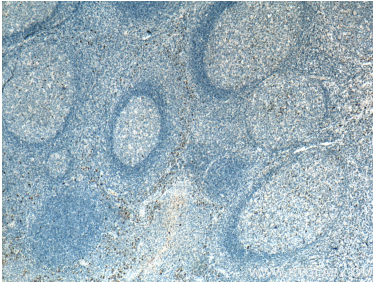
For technical support and original validation data for this product please contact:

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

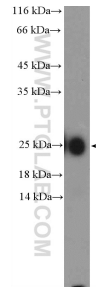
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 11781-1-AP (IgG Kappa Light Chain antibody) at dilution of 1:1000 (under 4x lens). heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human plasma (0.3ug) were subjected to SDS PAGE followed by western blot with 11781-1-AP (IgG light chain (Kappa) Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.