

For Research Use Only

# LY75/DEC-205 Polyclonal antibody

Catalog Number: 32754-1-AP



## Basic Information

<b>Catalog Number:</b> 32754-1-AP	<b>GenBank Accession Number:</b> NM_002349.4	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4065	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60449-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> lymphocyte antigen 75	
<b>Immunogen Catalog Number:</b> EG3439	<b>Calculated MW:</b> 198kDa	
	<b>Observed MW:</b> 198-250 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> Daudi cells, Raji cells, mouse thymus tissue, rat thymus tissue
<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

LY75, also known as DEC-205 or CD205, is a type I transmembrane protein belonging to the C-type lectin receptor family. It is primarily expressed on dendritic cells (DCs) and thymic epithelium, but is also found on monocytes, T and B lymphocytes, and various other tissues, including intestinal and pulmonary epithelia.

## Storage

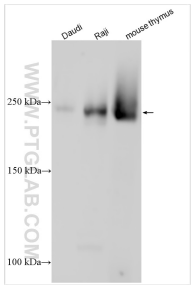
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

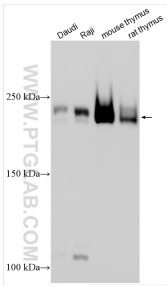
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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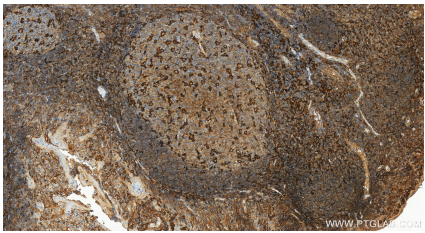
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32754-1-AP (LY75/DEC-205 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 32754-1-AP (LY75/DEC-205 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 32754-1-AP (LY75/DEC-205 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).