

For Research Use Only

# LY75/DEC-205 Recombinant antibody

Catalog Number: 86342-3-RR



## Basic Information

<b>Catalog Number:</b> 86342-3-RR	<b>GenBank Accession Number:</b> NM_002349.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4065	<b>CloneNo.:</b> 250076G6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60449-1	<b>Recommended Dilutions:</b> WB: 1:500-1:2000 IF/ICC: 1:400-1:1600
<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, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> THP-1 cells, Daudi cells <b>IF/ICC :</b> THP-1 cells,

## 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

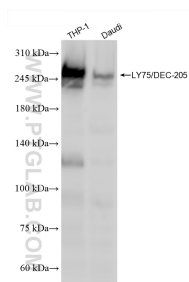
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

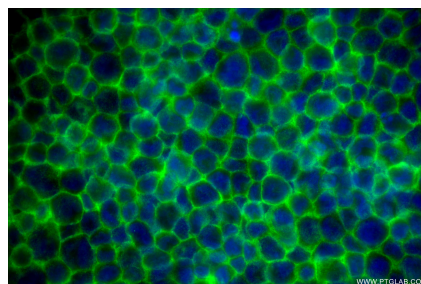
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected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



THP-1 cells were subjected to SDS PAGE followed by western blot with 86342-3-RR (LY75/CD205 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using LY75/CD205 antibody (86342-3-RR, Clone: 250076G6) at dilution of 1:800 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).