

For Research Use Only

# LY75/DEC-205 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86342-3-PBS



## Basic Information

Catalog Number:	86342-3-PBS	GenBank Accession Number:	NM_002349.4	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	4065	CloneNo.:	250076G6
Source:	Rabbit	UNIPROT ID:	O60449-1		
Isotype:	IgG	Full Name:	lymphocyte antigen 75		
Immunogen Catalog Number:	EG3439	Calculated MW:	198kDa		
		Observed MW:	198-250 kDa		

## Applications

Tested Applications:  
WB, IF/ICC, Indirect ELISA

Species Specificity:  
human

## 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

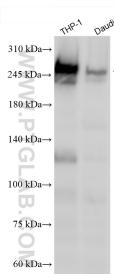
Storage:  
Store at -80°C.  
Storage Buffer:  
PBS only, pH7.3

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)

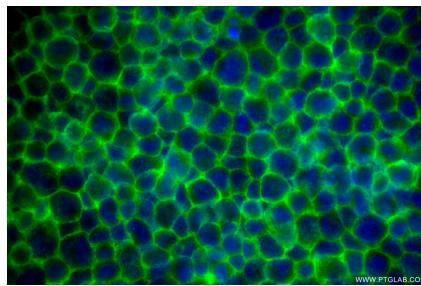
E: proteintech@ptglab.com  
W: ptglab.com

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

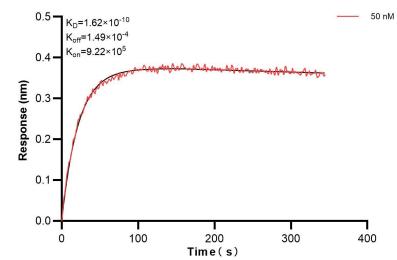
## Selected Validation Data



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. This data was developed using the same antibody clone with 86342-3-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 86342-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86342-3-PBS against Human LY75/DEC-205 were performed. The affinity constant is 0.162 nM.