

For Research Use Only

LY75/DEC-205 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86342-3-PBS



Basic Information

Catalog Number:

86342-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3439

GenBank Accession Number:

NM_002349.4

GeneID (NCBI):

4065

UNIPROT ID:

O60449-1

Full Name:

lymphocyte antigen 75

Calculated MW:

198kDa

Observed MW:

198-250 kDa

Purification Method:

Protein A purification

CloneNo.:

250076G6

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

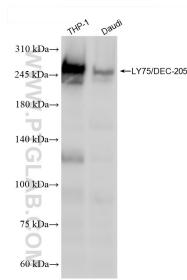
For technical support and original validation data for this product please contact:

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

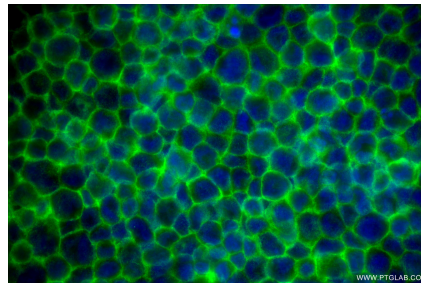
E: proteintech@ptglab.com
W: ptglab.com

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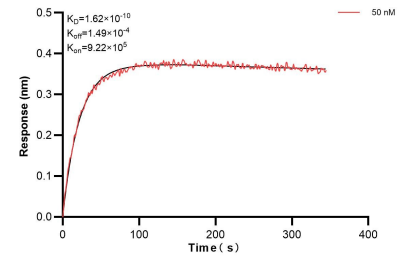
Selected Validation Data



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. 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.