

For Research Use Only

# LY75/CD205 Recombinant antibody, PBS Only (Detector)

Catalog Number: 86342-1-PBS



## Basic Information

<b>Catalog Number:</b> 86342-1-PBS	<b>GenBank Accession Number:</b> NM_002349.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4065	<b>CloneNo.:</b> 250076F8
<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	

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

86342-1-PBS targets LY75/CD205 as part of a matched antibody pair:

MP02358-1: 86342-2-PBS capture and 86342-1-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

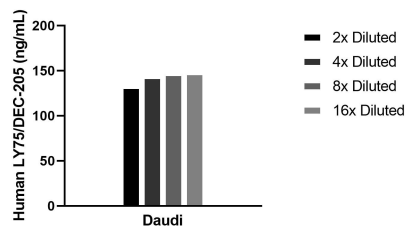
## Storage

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

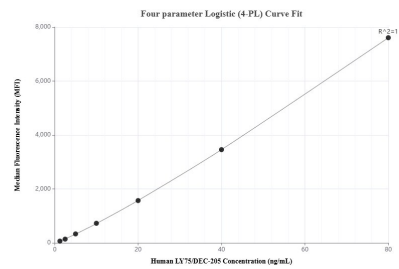
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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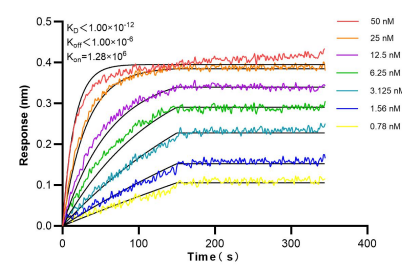
## Selected Validation Data



The mean LY75/DEC-205 concentration was determined to be 141.8 ng/mL in Daudi cell extract based on a 1.1 mg/mL extract load.



Cytometric bead array standard curve of MP02358-1, LY75/DEC-205 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86342-2-PBS. Detection antibody: 86342-1-PBS. Standard: Eg3439. Range: 1.25-80 ng/mL.



Bi-layer interferometry (BLI) kinetic assays of 86342-1-PBS against Human LY75/DEC-205 were performed. The affinity constant is below 1 pM.