

For Research Use Only

CD42b Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87285-1-PBS



Basic Information

Catalog Number: 87285-1-PBS	GenBank Accession Number: NM_000173.7	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2811	CloneNo.: 252200G5
Source: Rabbit	ENSEMBL Gene ID: ENSG00000185245	
Isotype: IgG	UNIPROT ID: P07359	
Immunogen Catalog Number: EG3051	Full Name: glycoprotein Ib (platelet), alpha polypeptide	
	Calculated MW: 72 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

87285-1-PBS targets CD42b as part of a matched antibody pair:

MP02948-1: 87285-2-PBS capture and 87285-1-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

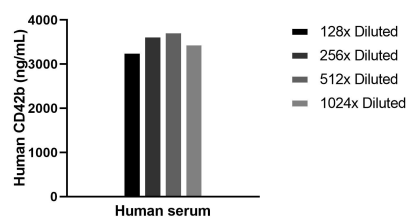
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

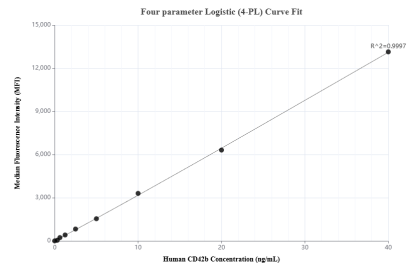
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

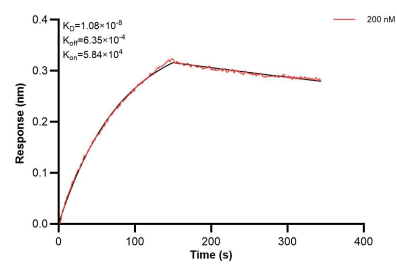
Selected Validation Data



The mean CD42b concentration was determined to be 3407.8 ng/mL in Human serum.



Cytometric bead array standard curve of MP02948-1, CD42b Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87285-2-PBS. Detection antibody: 87285-1-PBS. Standard: Eg3051. Range: 0.312-40 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 87285-1-PBS against Human CD42b was performed. The affinity constant is 10.8 nM.