

For Research Use Only

Mouse CD2 Recombinant antibody, PBS Only (Capture)

Catalog Number:84360-5-PBS



Basic Information

Catalog Number: 84360-5-PBS	GenBank Accession Number: NM_013486.2	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 12481	CloneNo.: 241548E11
Source: Rabbit	UNIPROT ID: P08920	
Isotype: IgG	Full Name: CD2 antigen	
	Calculated MW: 38 kDa	

Applications

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

Species Specificity:
mouse

Product Information

84360-5-PBS targets CD2 as part of a matched antibody pair:

MP01249-1: 84360-5-PBS capture and 84360-4-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP01249-3: 84360-5-PBS capture and 84360-3-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

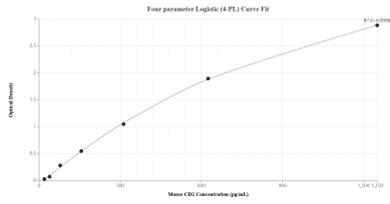
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

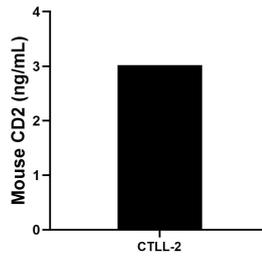
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

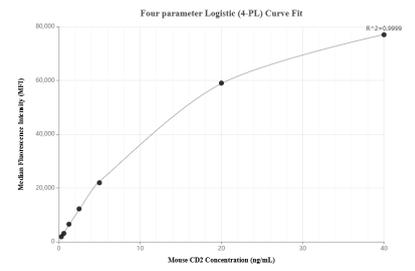
Selected Validation Data



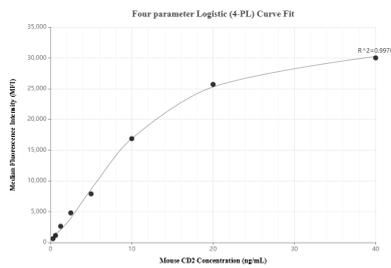
Sandwich ELISA standard curve of MP01249-1, Mouse CD2 Recombinant Matched Antibody Pair - PBS only. 84360-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1403. 84360-4-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL.



The mean CD2 concentration was determined to be 3.0 ng/mL in CTLL-2 cell extract based on a 0.9 mg/mL extract load.



Cytometric bead array standard curve of MP01249-1, MOUSE CD2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84360-5-PBS. Detection antibody: 84360-4-PBS. Standard: Eg1403. Range: 0.313-40 ng/mL.



Cytometric bead array standard curve of MP01249-3, MOUSE CD2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84360-5-PBS. Detection antibody: 84360-3-PBS. Standard: Eg1403. Range: 0.313-40 ng/mL.