

Mouse CD2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01249-1**

Capture Antibody Information

Catalog Number:
84360-5-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241548E11
Reactivity:
mouse

Conjugate:
Unconjugated
Full name:
CD2 antigen
Gene ID:
12481

Detection Antibody Information

Catalog Number:
84360-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241548D7
Reactivity:
mouse
GenBank:
NM_013486.2

Conjugate:
Unconjugated
Full name:
CD2 antigen
Gene ID:
12481

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.313-40 ng/mL (Cytometric Bead Array)
19.5-1250 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP01249-1 targets CD2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse CD2 Recombinant antibody, PBS Only (Capture) 84360-5-PBS (241548E11). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse CD2 Recombinant antibody, PBS Only (Detector) 84360-4-PBS (241548D7). 100 µg. Concentration 1 mg/mL.

Alternative CD2 matched antibody pairs: MP01045-1, MP01045-2, MP01045-3, MP01045-4, MP01249-2, MP01249-3

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

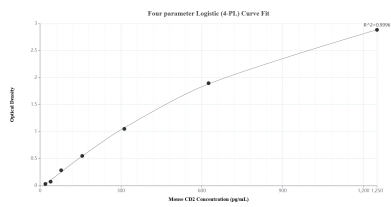
For technical support and original validation data for this product please contact:

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

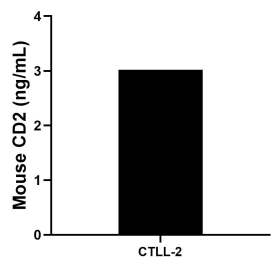
E: proteintech@ptglab.com
W: ptglab.com

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

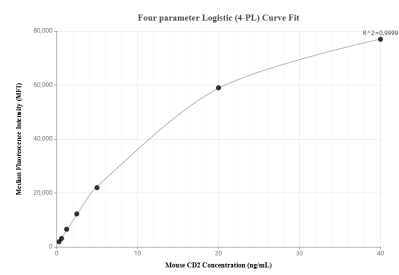
Selected Validation Data



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.