

For Research Use Only



Mouse CD5 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00448-2

Capture Antibody Information

Catalog Number:
83451-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240244C4

Reactivity:
mouse

Immunogen Catalog Number:
Eg0899

Conjugate:
Unconjugated

Full name:
CD5 antigen

Gene ID:
12507

Detection Antibody Information

Catalog Number:
83451-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240244F10

Reactivity:
mouse

GenBank:
NM_007650.3

Immunogen Catalog Number:
Eg0899

Conjugate:
Unconjugated

Full name:
CD5 antigen

Gene ID:
12507

Applications

Tested Applications:
Cytometric bead array, Sandwich
ELISA

Range:
0.156-20 ng/mL (Cytometric Bead
Array)
15.6-1000 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

MP00448-2 targets CD5 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse CD5 Recombinant antibody, PBS Only (Capture) 83451-1-PBS (240244C4). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse CD5 Recombinant antibody, PBS Only (Capture/Detector) 83451-2-PBS (240244F10). 100 µg. Concentration 1 mg/mL.

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

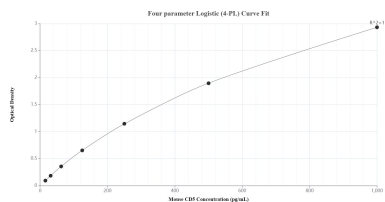
For technical support and original validation data for this product please contact:

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

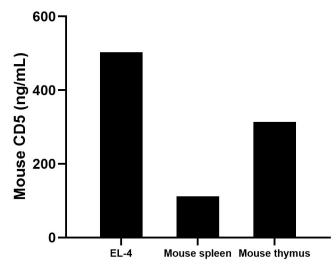
E: proteintech@ptglab.com
W: ptglab.com

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

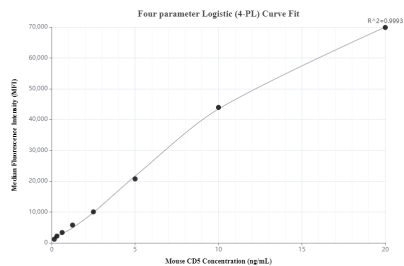
Selected Validation Data



Sandwich ELISA standard curve of MP00448-2, Mouse CD5 Recombinant Matched Antibody Pair - PBS only. 83451-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0899. 83451-2-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



The mean CD5 concentration was determined to be 502.9 ng/mL in EL-4 cell extract based on a 5.2 mg/mL extract load, 111.7 ng/mL in mouse spleen tissue extract based on a 4.8 mg/mL extract load and 314.2 ng/mL in mouse thymus tissue extract based on a 6 mg/mL extract load.



Cytometric bead array standard curve of MP00448-2, MOUSE CD5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83451-1-PBS. Detection antibody: 83451-2-PBS. Standard: Eg0899. Range: 0.156-20 ng/mL