

For Research Use Only

Mouse CD8a Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02234-1

Capture Antibody Information

Catalog Number:
85977-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242879B12

Reactivity:
mouse

Immunogen Catalog Number:
Eg3265

Conjugate:
Unconjugated

Full name:
CD8 antigen, alpha chain

Gene ID:
12525

Detection Antibody Information

Catalog Number:
85977-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242879D10

Reactivity:
mouse

GenBank:
NM_001081110.2

Immunogen Catalog Number:
Eg3265

Conjugate:
Unconjugated

Full name:
CD8 antigen, alpha chain

Gene ID:
12525

Applications

Tested Applications:
Cytometric bead array, Sandwich
ELISA

Range:
1.563-200 ng/mL (Cytometric Bead
Array)
0.156-10 ng/mL (Sandwich ELISA)

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

Product Information

MP02234-1 targets CD8a in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse CD8A Recombinant antibody, PBS Only (Capture) 85977-2-PBS (242879B12). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse CD8A Recombinant antibody, PBS Only (Detector) 85977-1-PBS (242879D10). 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

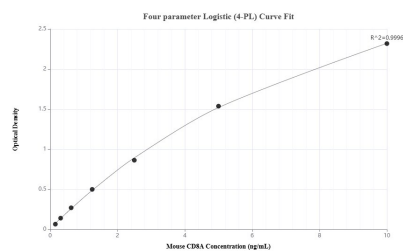
For technical support and original validation data for this product please contact:

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

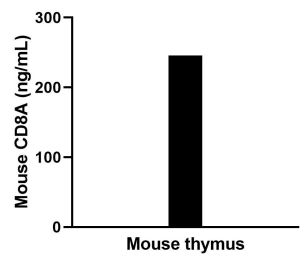
E: proteintech@ptglab.com
W: ptglab.com

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

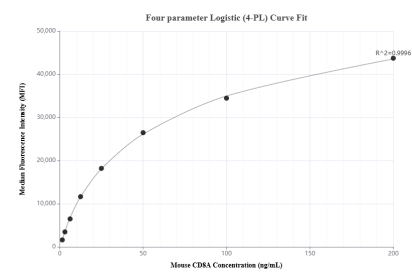
Selected Validation Data



Sandwich ELISA standard curve of MP02234-1, Mouse CD8a Recombinant Matched Antibody Pair - PBS only. 85977-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3265. 85977-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean CD8a concentration was determined to be 248.5 ng/mL in Mouse thymus tissue extract based on a 1.3 mg/mL extract load.



Cytometric bead array standard curve of MP02234-1, MOUSE CD8a Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85977-2-PBS. Detection antibody: 85977-1-PBS. Standard: Eg3265. Range: 1.563-200 ng/mL