

# Mouse CD8a Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02234-1**

## Capture Antibody Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>85977-2-PBS                 | <b>Clone ID:</b><br>242879B12              | <b>Conjugate:</b><br>Unconjugated             |
| <b>Host:</b><br>Rabbit                                | <b>Reactivity:</b><br>mouse                | <b>Full name:</b><br>CD8 antigen, alpha chain |
| <b>Isotype:</b><br>IgG                                | <b>GenBank:</b><br>NM_001081110.2          | <b>Gene ID:</b><br>12525                      |
| <b>Purification Method:</b><br>Protein A purification | <b>Immunogen Catalog Number:</b><br>Eg3265 |   |

## Detection Antibody Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>85977-1-PBS                 | <b>Clone ID:</b><br>242879D10              | <b>Conjugate:</b><br>Unconjugated             |
| <b>Host:</b><br>Rabbit                                | <b>Reactivity:</b><br>mouse                | <b>Full name:</b><br>CD8 antigen, alpha chain |
| <b>Isotype:</b><br>IgG                                | <b>GenBank:</b><br>NM_001081110.2          | <b>Gene ID:</b><br>12525                      |
| <b>Purification Method:</b><br>Protein A purification | <b>Immunogen Catalog Number:</b><br>Eg3265 |   |

## Applications

|  |   |   |
|--|---|---|
| <b>Tested Applications:</b><br>Cytometric bead array, Sandwich ELISA | <b>Range:</b><br>1.563-200 ng/mL (Cytometric Bead Array)<br>0.156-10 ng/mL (Sandwich ELISA) | <b>Recommended Dilutions:</b><br>It is recommended that this reagent should be titrated in each testing system to obtain optimal results. |
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## 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.

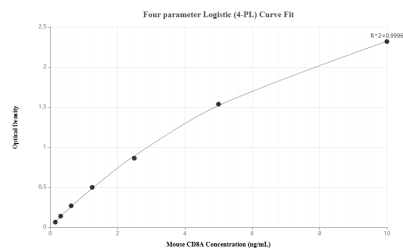
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

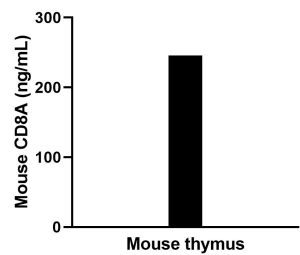
## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

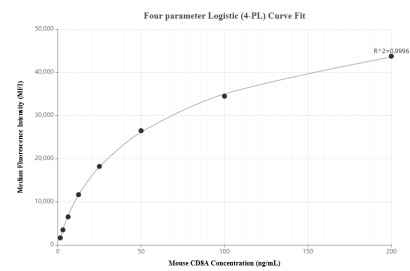
## Selected Validation Data



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