

For Research Use Only

# Rat CD8a Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02416-1

## Capture Antibody Information

**Catalog Number:**  
86119-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250721A7  
**Reactivity:**  
rat  
**GenBank:**  
NM\_031538.2  
**Immunogen Catalog Number:**  
Eg3839

**Conjugate:**  
Unconjugated  
**Full name:**  
CD8a molecule  
**Gene ID:**  
24930

## Detection Antibody Information

**Catalog Number:**  
86119-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250721H5  
**Reactivity:**  
rat  
**GenBank:**  
NM\_031538.2  
**Immunogen Catalog Number:**  
Eg3839

**Conjugate:**  
Unconjugated  
**Full name:**  
CD8a molecule  
**Gene ID:**  
24930

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.469-60 ng/mL (Cytometric Bead Array)

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

## Product Information

MP02416-1 targets CD8a in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Rat CD8a Recombinant antibody, PBS Only (Capture) 86119-3-PBS (250721A7). 100 µg. Concentration 1 mg/mL.

Detection antibody: Rat CD8a Recombinant antibody, PBS Only (Detector) 86119-2-PBS (250721H5). 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

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

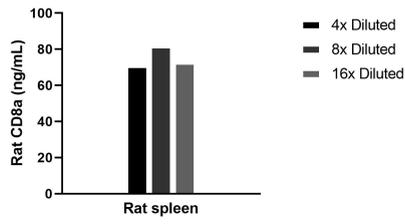
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

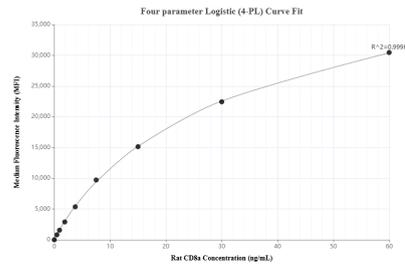
W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



The mean CD8a concentration was determined to be 74.8 ng/mL in Rat spleen tissue extract based on a 8.8 mg/mL extract load.



Cytometric bead array standard curve of MP02416-1, RAT CD8a Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86119-3-PBS. Detection antibody: 86119-2-PBS. Standard: Eg3839. Range: 0.469-60 ng/mL.