

Rat CD36 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02307-2**

Capture Antibody Information

Catalog Number:
86246-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250237F7
Reactivity:
rat
GenBank:
Immunogen Catalog Number:
Eg3222

Conjugate:
Unconjugated
Full name:
CD36 molecule (thrombospondin receptor)
Gene ID:
29184

Detection Antibody Information

Catalog Number:
86246-5-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250237C8
Reactivity:
rat
GenBank:
Immunogen Catalog Number:
Eg3222

Conjugate:
Unconjugated
Full name:
CD36 molecule (thrombospondin receptor)
Gene ID:
29184

Applications

Tested Applications:
Sandwich ELISA

Range:
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

MP02307-2 targets CD36 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat CD36/SR-B3 Recombinant antibody, PBS Only (Capture) 86246-4-PBS (250237F7). 100 µg. Concentration 1 mg/mL.

Detection antibody: Rat CD36/SR-B3 Recombinant antibody, PBS Only (Detector) 86246-5-PBS (250237C8). 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.

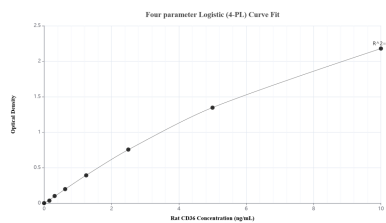
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

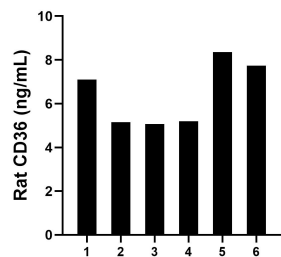
Storage

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

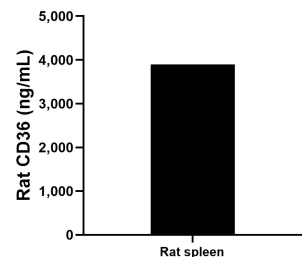
Selected Validation Data



Sandwich ELISA standard curve of MP02307-2, Rat CD36 Recombinant Matched Antibody Pair - PBS only. 86246-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3222. 86246-5-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



Serum of six rats was measured. The CD36 concentration of detected samples was determined to be 6.43 ng/mL with a range of 5.06-8.36 ng/mL.



The mean CD36 concentration was determined to be 3,894.44 ng/mL in rat spleen tissue extract based on a 2.70 mg/mL extract load.