

Rat CD3 epsilon Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02251-2**

Capture Antibody Information

Catalog Number:
86053-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242849C11
Reactivity:
rat
GenBank:
NP_001101610.2
Immunogen Catalog Number:
Eg1450

Conjugate:
Unconjugated
Full name:
CD3 molecule, epsilon polypeptide
Gene ID:
315609

Detection Antibody Information

Catalog Number:
86053-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242849D3
Reactivity:
mouse, rat
GenBank:
NP_001101610.2
Immunogen Catalog Number:
Eg1450

Conjugate:
Unconjugated
Full name:
CD3 molecule, epsilon polypeptide
Gene ID:
315609

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 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

MP02251-2 targets CD3 epsilon in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat CD3 epsilon/CD3e Recombinant antibody, PBS Only (Capture) 86053-3-PBS (242849C11). 100 µg. Concentration 1 mg/mL.

Detection antibody: Rat CD3 epsilon Recombinant antibody, PBS Only (Detector) 86053-1-PBS (242849D3). 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.

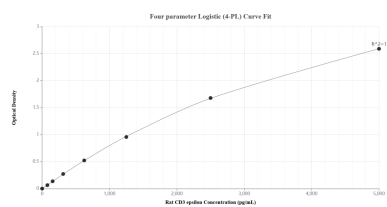
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

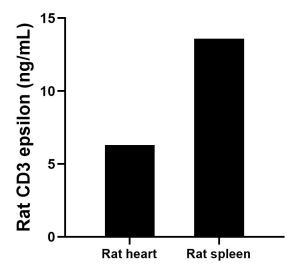
Storage

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 MP02251-2, Rat CD3 epsilon Recombinant Matched Antibody Pair - PBS only. 86053-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1450. 86053-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean CD3 epsilon concentration was determined to be 6.3 ng/mL in rat heart tissue extract based on a 6.7 mg/mL extract load and 13.6 ng/mL in rat spleen tissue extract based on a 2.7 mg/mL extract load.