

Rat CD3 epsilon Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02251-1**

Capture Antibody Information

Catalog Number:

86053-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242849C11

Reactivity:

rat

Immunogen Catalog Number:

Eg1450

Conjugate:

Unconjugated

Full name:

CD3 molecule, epsilon polypeptide

Gene ID:

315609

Detection Antibody Information

Catalog Number:

86053-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242849G2

Reactivity:

rat

GenBank:

NP_001101610.2

Immunogen Catalog Number:

Eg1450

Conjugate:

Unconjugated

Full name:

CD3 molecule, epsilon polypeptide

Gene ID:

315609

Applications

Tested Applications:

Cytometric bead array

Range:

0.313-40 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

MP02251-1 targets CD3 epsilon in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

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/CD3e Recombinant antibody, PBS Only (Detector) 86053-2-PBS (242849G2). 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:

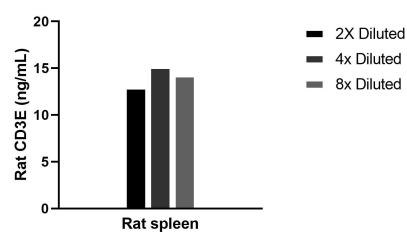
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

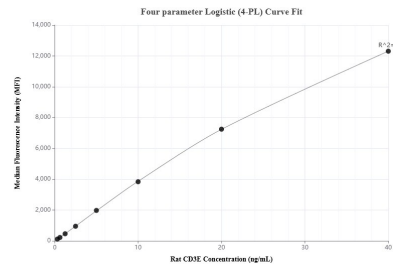
W: ptglab.com

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

Selected Validation Data



The mean CD3E/CD3 epsilon concentration was determined to be 14.1 ng/mL in Rat spleen tissue extract based on a 2.7 mg/mL extract load.



Cytometric bead array standard curve of MP02251-1, RAT CD3E/CD3 epsilon Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86053-3-PBS. Detection antibody: 86053-2-PBS. Standard: Eg1450. Range: 0.313-40 ng/mL.