

For Research Use Only

Rat CD3 epsilon Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02251-1**

Capture Antibody Information

Catalog Number:	86053-3-PBS	Clone ID:	242849C11	Conjugate:	Unconjugated
Host:	Rabbit	Reactivity:	rat	Full name:	CD3 molecule, epsilon polypeptide
Isotype:	IgG	GenBank:	NP_001101610.2	Gene ID:	315609
Purification Method:	Protein A purification	Immunogen Catalog Number:	Eg1450		

Detection Antibody Information

Catalog Number:	86053-2-PBS	Clone ID:	242849G2	Conjugate:	Unconjugated
Host:	Rabbit	Reactivity:	rat	Full name:	CD3 molecule, epsilon polypeptide
Isotype:	IgG	GenBank:	NP_001101610.2	Gene ID:	315609
Purification Method:	Protein A purification	Immunogen Catalog Number:	Eg1450		

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.
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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 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:

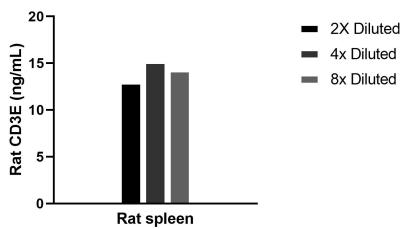
T: 4006900926

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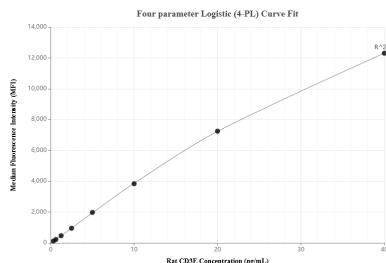
W: ptgcn.com

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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