

For Research Use Only

Rat CD3 epsilon Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02251-2**

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	Immunogen Catalog Number:	Eg1450	Gene ID:	315609
Purification Method:	Protein A purification				

Detection Antibody Information

Catalog Number:	86053-1-PBS	Clone ID:	242849D3	Conjugate:	Unconjugated
Host:	Rabbit	Reactivity:	mouse, 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:	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.
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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

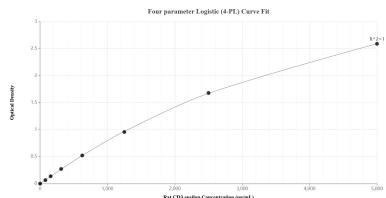
Storage:
Store at -80°C.
Storage buffer:
PBS only

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)

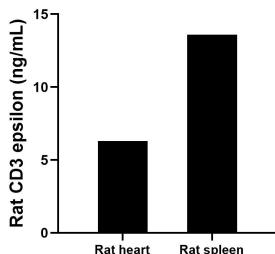
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.