

# 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  
**GenBank:**  
NP\_001101610.2  
**Immunogen Catalog Number:**  
Eg1450

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

## Detection Antibody Information

**Catalog Number:**  
86053-2-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.

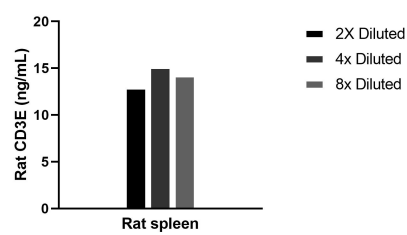
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

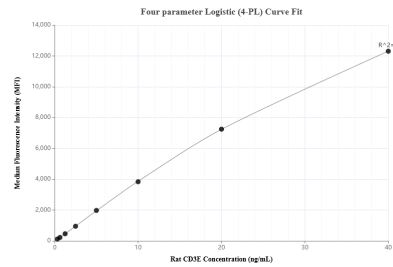
## Storage

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

## 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.