

For Research Use Only

# CD3E Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50222-1

## Capture Antibody Information

**Catalog Number:**  
60181-2-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG2b  
**Purification Method:**  
Protein A purification

**Clone ID:**  
5B12E11  
**Reactivity:**  
Human  
**Immunogen Catalog Number:**  
Ag11797

**Conjugate:**  
Unconjugated  
**Full name:**  
CD3e molecule, epsilon (CD3-TCR complex)  
**Gene ID:**  
916

## Detection Antibody Information

**Catalog Number:**  
60181-1-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG2b  
**Purification Method:**  
Protein A purification

**Clone ID:**  
3F3A1  
**Reactivity:**  
human  
**GenBank:**  
BC049847  
**Immunogen Catalog Number:**  
Ag11797

**Conjugate:**  
Unconjugated  
**Full name:**  
CD3e molecule, epsilon (CD3-TCR complex)  
**Gene ID:**  
916

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.098-50 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

MP50222-1 targets CD3E in immunoassays as a matched antibody pair. Validated in Cytometric bead array.  
Capture antibody: CD3E Monoclonal antibody, PBS Only (Capture) 60181-2-PBS (5B12E11). 100 µg. Concentration 1 mg/mL.  
Detection antibody: CD3 Monoclonal antibody, PBS Only (Detector) 60181-1-PBS (3F3A1). 100 µg. Concentration 1 mg/mL.  
Alternative CD3E matched antibody pairs: MP50222-2  
Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.  
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.

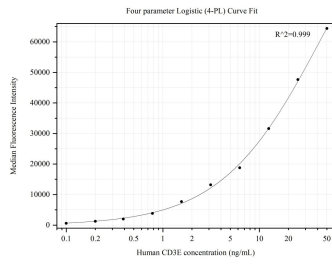
## Storage

**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



Cytometric bead array standard curve of MP50222-1, CD3E Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60181-2-PBS. Detection antibody: 60181-1-PBS. Standard:Ag11797. Range: 0.098-50 ng/mL