

For Research Use Only

# ERK1/2 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50383-2

## Capture Antibody Information

Catalog Number:  
66192-3-PBS

Host:  
Mouse

Isotype:  
IgG2a

Purification Method:  
Protein A Magarose purification

Clone ID:  
5G12G4

Reactivity:  
human

Immunogen Catalog Number:  
Ag20350

Conjugate:  
Unconjugated

Full name:  
mitogen-activated protein kinase 3

Gene ID:  
5595

## Detection Antibody Information

Catalog Number:  
66192-2-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G Magarose purification

Clone ID:  
3C2E12

Reactivity:  
human

GenBank:  
BC013992

Immunogen Catalog Number:  
Ag20350

Conjugate:  
Unconjugated

Full name:  
mitogen-activated protein kinase 3

Gene ID:  
5595

## Applications

Tested Applications:  
Cytometric bead array

Range:  
1.563-25 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

MP50383-2 targets ERK1/2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: ERK1/2 Monoclonal antibody, PBS Only (Capture) 66192-3-PBS (5G12G4). 100 µg. Concentration 1 mg/ml.

Detection antibody: ERK1/2 Monoclonal antibody, PBS Only (Detector) 66192-2-PBS (3C2E12). 100 µg. Concentration 1 mg/ml.

Alternative ERK1/2 matched antibody pairs: MP50383-1

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

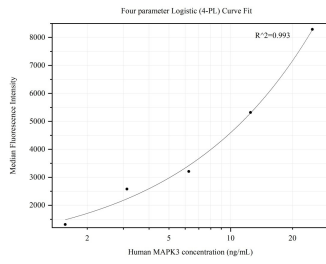
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://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 MP50383-2, ERK1/2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66192-3-PBS. Detection antibody: 66192-2-PBS. Standard:Ag20350. Range: 1.563-25 ng/mL