

For Research Use Only

# p38 MAPK Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50419-2

## Capture Antibody Information

Catalog Number:  
66234-1-PBS

Host:  
Mouse

Isotype:  
IgG2b

Purification Method:  
Protein A purification

Clone ID:  
1A1C2

Reactivity:  
human, mouse, rat, pig

GenBank:  
BC031574

Immunogen Catalog Number:  
Ag5797

Conjugate:  
Unconjugated

Full name:  
mitogen-activated protein kinase 14

Gene ID:  
1432

## Detection Antibody Information

Catalog Number:  
68966-1-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G Magarose purification

Clone ID:  
2B5D5

Reactivity:  
human

GenBank:  
NM\_139014

Conjugate:  
Unconjugated

Full name:  
mitogen-activated protein kinase 14

Gene ID:  
1432

## Applications

Tested Applications:  
Cytometric bead array

Range:  
1.563-200 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

MP50419-2 targets p38 MAPK in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: p38 MAPK Monoclonal antibody, PBS Only (Capture) 66234-1-PBS (1A1C2). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: p38 MAPK phospho-T180/Y182 Monoclonal antibody, PBS Only (Detector) 68966-1-PBS (2B5D5). 100  $\mu$ g. Concentration 1 mg/mL.

Alternative p38 MAPK matched antibody pairs: MP00437-1, MP00437-2, MP00437-3, MP50419-1

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.

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:

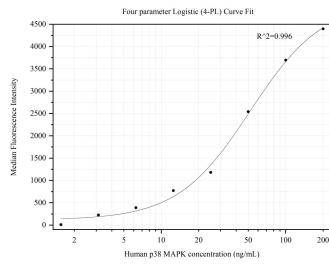
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Cytometric bead array standard curve of MP50419-2, p38 MAPK Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66234-1-PBS. Detection antibody: 68966-1-PBS. Standard: Ag5797. Range: 1.563-200 ng/mL