

For Research Use Only

# MARCKS Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03172-1

## Capture Antibody Information

**Catalog Number:**  
87693-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
253128D11  
**Reactivity:**  
human  
**GenBank:**  
NM\_002356.7  
**Immunogen Catalog Number:**  
Eg6453

**Conjugate:**  
Unconjugated  
**Full name:**  
myristoylated alanine-rich protein kinase C substrate  
**Gene ID:**  
4082

## Detection Antibody Information

**Catalog Number:**  
87693-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
253128F1  
**Reactivity:**  
human  
**GenBank:**  
NM\_002356.7  
**Immunogen Catalog Number:**  
Eg6453

**Conjugate:**  
Unconjugated  
**Full name:**  
myristoylated alanine-rich protein kinase C substrate  
**Gene ID:**  
4082

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.312-40 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

MP03172-1 targets MARCKS in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: MARCS Recombinant monoclonal antibody, PBS Only (Capture) 87693-3-PBS (253128D11). 100 µg. Concentration 1 mg/mL.

Detection antibody: MARCS Recombinant monoclonal antibody, PBS Only (Detector) 87693-2-PBS (253128F1). 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

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

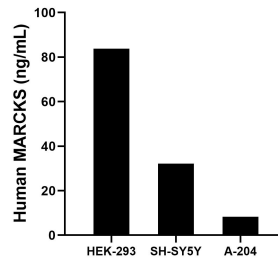
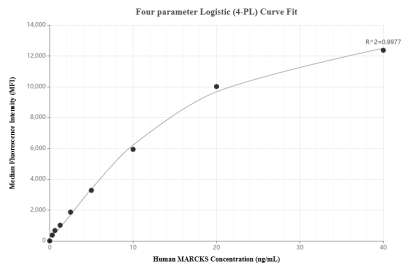
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Cytometric bead array standard curve of MP03172-1, MARCKS Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87693-3-PBS. Detection antibody: 87693-2-PBS. Standard: Eg6453. Range: 0.312-40 ng/mL

The mean MARCKS concentration was determined to be 83.8 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 32.3 ng/mL in SH-SY5Y cell extract based on a 1.5 mg/mL extract load, 8.3 ng/mL in A-204 cell extract based on a 1.2 mg/mL extract load.