

For Research Use Only

# S100A8 Hybrid Matched Antibody Pair, PBS Only



Catalog Number:MP80012-1

## Capture Antibody Information

**Catalog Number:**  
82531-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242970G12  
**Reactivity:**  
human  
**GenBank:**  
BC005928  
**Immunogen Catalog Number:**  
Eg3752

**Conjugate:**  
Unconjugated  
**Full name:**  
S100 calcium binding protein A8  
**Gene ID:**  
6279

## Detection Antibody Information

**Catalog Number:**  
66853-2-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
1B11F6  
**Reactivity:**  
human  
**GenBank:**  
BC005928  
**Immunogen Catalog Number:**  
Ag8517

**Conjugate:**  
Unconjugated  
**Full name:**  
S100 calcium binding protein A8  
**Gene ID:**  
6279

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA

**Range:**  
1.563-200 ng/mL (Cytometric Bead Array)  
1.953-500 ng/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP80012-1 targets S100A8 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: S100A8 Recombinant monoclonal antibody, PBS Only (Capture) 82531-3-PBS (242970G12). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: S100A8 Monoclonal antibody, PBS Only (Detector) 66853-2-PBS (1B11F6). 100  $\mu$ g. Concentration 1 mg/mL.

Unconjugated rabbit recombinant antibody and mouse 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. Mouse monoclonal antibody and Rabbit 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:

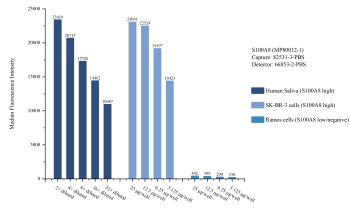
T: 4006900926

E: Proteintech-CN@ptglab.com

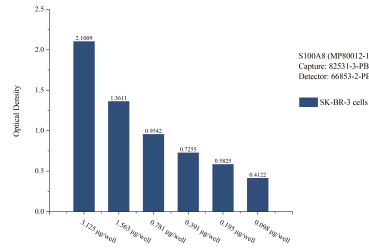
W: ptgcn.com

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

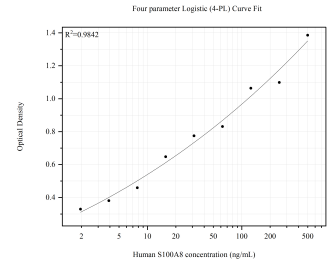
## Selected Validation Data



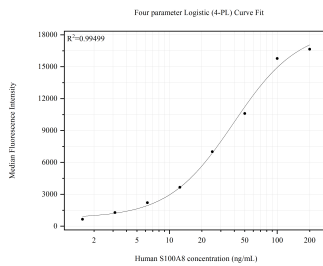
Cytometric bead array sample test of MP80012-1, S100A8 Hybrid Matched Antibody Pair, PBS Only. Capture antibody: 82531-3-PBS. Detection antibody: 66853-2-PBS.



Sandwich ELISA sample test of MP80012-1, S100A8 Hybrid Matched Antibody Pair, PBS Only. 82531-3-PBS was coated to a plate as the capture antibody. 66853-2-PBS was HRP conjugated as the detection antibody.



Sandwich ELISA standard curve of MP80012-1, S100A8 Hybrid Matched Antibody Pair, PBS Only. 82531-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3752. 66853-2-PBS was HRP conjugated as the detection antibody. Range: 1.953-500 ng/mL.



Cytometric bead array standard curve of MP80012-1, S100A8 Hybrid Matched Antibody Pair, PBS Only. Capture antibody: 82531-3-PBS. Detection antibody: 66853-2-PBS. Standard: Eg3752. Range: 1.563-200 ng/mL.