

# Alpha smooth muscle actin Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50296-3**

## Capture Antibody Information

**Catalog Number:**  
68894-2-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
2D1E2  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag6088

**Conjugate:**  
Unconjugated  
**Full name:**  
actin, alpha 2, smooth muscle, aorta  
**Gene ID:**  
59

## Detection Antibody Information

**Catalog Number:**  
68895-3-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
1A5E1  
**Reactivity:**  
human  
**GenBank:**  
BC017554  
**Immunogen Catalog Number:**  
Ag19478

**Conjugate:**  
Unconjugated  
**Full name:**  
actin, alpha 2, smooth muscle, aorta  
**Gene ID:**  
59

## 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

MP50296-3 targets Alpha smooth muscle actin in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Alpha smooth muscle actin Monoclonal antibody, PBS Only (Capture) 68894-2-PBS (2D1E2). 100 µg. Concentration 1 mg/mL.

Detection antibody: Alpha smooth muscle actin Monoclonal antibody, PBS Only (Detector) 68895-3-PBS (1A5E1). 100 µg. Concentration 1 mg/mL.

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

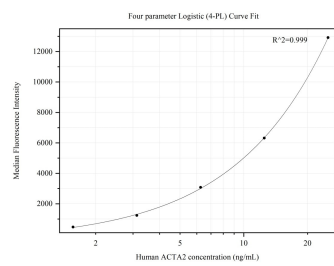
For technical support and original validation data for this product please contact:

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# Selected Validation Data



Cytometric bead array standard curve of MP50296-3, ACTA2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68894-2-PBS. Detection antibody: 68895-3-PBS. Standard:Ag6088. Range: 1.563-25 ng/mL