

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

Catalog Number: **MP50296-2**

## Capture Antibody Information

**Catalog Number:**

68895-2-PBS

**Host:**

Mouse

**Isotype:**

IgG1

**Purification Method:**

Protein G Magarose purification

**Clone ID:**

1B12C9

**Reactivity:**

human

**Immunogen Catalog Number:**

Ag19478

**Conjugate:**

Unconjugated

**Full name:**

actin, alpha 2, smooth muscle, aorta

**Gene ID:**

59

## Detection Antibody Information

**Catalog Number:**

67735-2-PBS

**Host:**

Mouse

**Isotype:**

IgG1

**Purification Method:**

Protein G purification

**Clone ID:**

1D7H12

**Reactivity:**

human

**GenBank:**

NM\_001613

**Conjugate:**

Unconjugated

**Full name:**

actin, alpha 2, smooth muscle, aorta

**Gene ID:**

59

## Applications

**Tested Applications:**

Cytometric bead array

**Range:**

3.125-50 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

MP50296-2 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) 68895-2-PBS (1B12C9). 100 µg. Concentration 1 mg/mL.

Detection antibody: Alpha smooth muscle actin specific Monoclonal antibody, PBS Only (Detector) 67735-2-PBS (1D7H12). 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

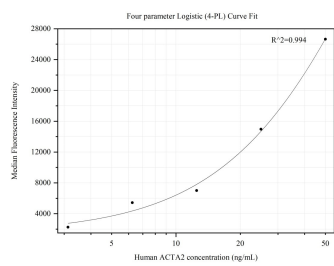
For technical support and original validation data for this product please contact:

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)  
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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 MP50296-2, ACTA2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68895-2-PBS. Detection antibody: 67735-2-PBS. Standard:Ag6088. Range: 3.125-50 ng/mL