

# PTEN Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50170-1**

## Capture Antibody Information

<b>Catalog Number:</b> 60300-2-PBS	<b>Clone ID:</b> 1B1A9	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Mouse	<b>Reactivity:</b> human	<b>Full name:</b> phosphatase and tensin homolog
<b>Isotype:</b> IgG2a	<b>GenBank:</b> BC005821	<b>Gene ID:</b> 5728
<b>Purification Method:</b> Protein A Magarose purification	<b>Immunogen Catalog Number:</b> Ag17274	

## Detection Antibody Information

<b>Catalog Number:</b> 60300-3-PBS	<b>Clone ID:</b> 4D8G9	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Mouse	<b>Reactivity:</b> human	<b>Full name:</b> phosphatase and tensin homolog
<b>Isotype:</b> IgG2b	<b>GenBank:</b> BC005821	<b>Gene ID:</b> 5728
<b>Purification Method:</b> Protein A Magarose purification	<b>Immunogen Catalog Number:</b> Ag17274	

## Applications

<b>Tested Applications:</b> Cytometric bead array	<b>Range:</b> 0.391-12.5 ng/mL (Cytometric Bead Array)	<b>Recommended Dilutions:</b> It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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## Product Information

MP50170-1 targets PTEN in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: PTEN Monoclonal antibody, PBS Only (Capture) 60300-2-PBS (1B1A9). 100 µg. Concentration 1 mg/mL.

Detection antibody: PTEN Monoclonal antibody, PBS Only (Detector) 60300-3-PBS (4D8G9). 100 µg. Concentration 1 mg/mL.

Alternative PTEN matched antibody pairs: MP00328-1, MP00328-2, MP00328-3, MP00328-4, MP00328-5

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

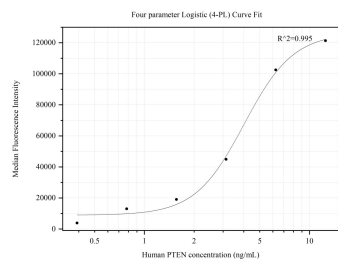
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

# Selected Validation Data



Cytometric bead array standard curve of MP50170-1, PTEN Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60300-2-PBS. Detection antibody: 60300-3-PBS. Standard:ag17274. Range: 0.391-12.5 ng/mL