

INSIG1 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: MP50804-1

Capture Antibody Information

Catalog Number: 60568-1-PBS	Clone ID: 2D6C6	Conjugate: Unconjugated
Host: Mouse	Reactivity: human	Full name: insulin induced gene 1
Isotype: IgG1	GenBank: BC001880	Gene ID: 3638
Purification Method: Protein G Magarose purification	Immunogen Catalog Number: Ag17418	

Detection Antibody Information

Catalog Number: 60568-2-PBS	Clone ID: 3G7D2	Conjugate: Unconjugated
Host: Mouse	Reactivity: human	Full name: insulin induced gene 1
Isotype: IgG1	GenBank: BC001880	Gene ID: 3638
Purification Method: Protein G purification	Immunogen Catalog Number: Ag17418	

Applications

Tested Applications: Cytometric bead array, Sandwich ELISA	Range: 0.781-100 ng/mL (Cytometric Bead Array) 0.156-10 ng/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP50804-1 targets INSIG1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: INSIG1 Monoclonal antibody, PBS Only (Capture) 60568-1-PBS (2D6C6). 100 µg. Concentration 1 mg/mL.

Detection antibody: INSIG1 Monoclonal antibody, PBS Only (Detector) 60568-2-PBS (3G7D2). 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.

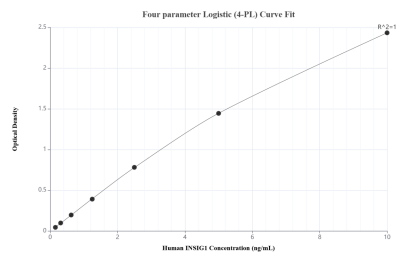
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

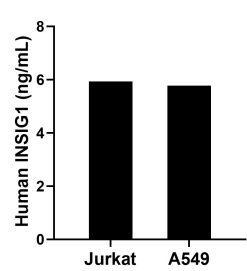
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

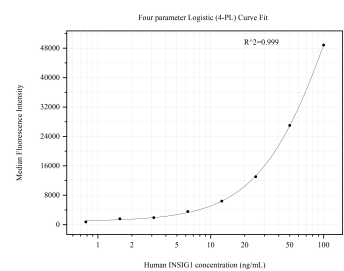
Selected Validation Data



Sandwich ELISA standard curve of MP50804-1, Human INSIG1 Monoclonal Matched Antibody Pair - PBS only. 60568-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17418. 60568-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean INSIG1 concentration was determined to be 5.93 ng/mL in Jurkat cell extract based on a 1.90 mg/mL extract load and 5.77 ng/mL in A549 cell extract based on a 3.10 mg/mL extract load.



Cytometric bead array standard curve of MP50804-1, INSIG1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60568-1-PBS. Detection antibody: 60568-2-PBS. Standard:Ag17418. Range: 0.781-100 ng/mL