

OPA1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03472-1**

Capture Antibody Information

Catalog Number: 84457-4-PBS	Clone ID: 260763H1	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: optic atrophy 1 (autosomal dominant)
Isotype: IgG	GenBank: BC075805	Gene ID: 4976
Purification Method: Protein A purification	Immunogen Catalog Number: Ag26887	

Detection Antibody Information

Catalog Number: 84457-3-PBS	Clone ID: 260763B7	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: optic atrophy 1 (autosomal dominant)
Isotype: IgG	GenBank: BC075805	Gene ID: 4976
Purification Method: Protein A purification	Immunogen Catalog Number: Ag26887	

Applications

Tested Applications: Cytometric bead array	Range: 0.156-20 ng/mL (Cytometric Bead Array)	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

MP03472-1 targets OPA1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: OPA1 Recombinant monoclonal antibody, PBS Only (Capture) 84457-4-PBS (260763H1). 100 µg. Concentration 1 mg/mL.

Detection antibody: OPA1 Recombinant monoclonal antibody, PBS Only (Detector) 84457-3-PBS (260763B7). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant 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. 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.

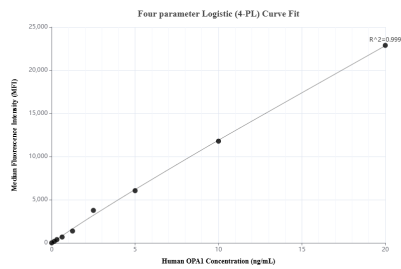
Antibody use should be optimized for each application and assay.

Storage

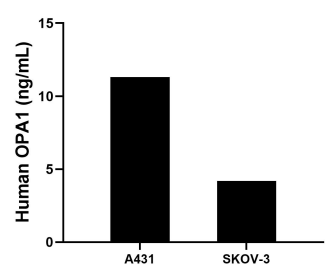
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

Selected Validation Data



Cytometric bead array standard curve of MP03472-1, OPA1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84457-4-PBS. Detection antibody: 84457-3-PBS. Standard: Ag26887. Range: 0.156-20 ng/mL



The mean OPA1 concentration was determined to be 11.3 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load, 4.2 ng/mL in SKOV-3 cell extract based on a 1.2 mg/mL extract load.