

ERGIC-53 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03757-1**

Capture Antibody Information

Catalog Number: 88996-3-PBS	Clone ID: 262111B2	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: lectin, mannose-binding, 1
Isotype: IgG	GenBank: BC032330	Gene ID: 3998
Purification Method: Protein A purification	Immunogen Catalog Number: Ag4183	

Detection Antibody Information

Catalog Number: 88996-2-PBS	Clone ID: 262111H6	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: lectin, mannose-binding, 1
Isotype: IgG	GenBank: BC032330	Gene ID: 3998
Purification Method: Protein A purification	Immunogen Catalog Number: Ag4183	

Applications

Tested Applications: Cytometric bead array	Range: 0.312-40 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

MP03757-1 targets ERGIC-53 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: LMAN1 Recombinant monoclonal antibody, PBS Only (Capture) 88996-3-PBS (262111B2). 100 µg. Concentration 1 mg/mL.

Detection antibody: LMAN1 Recombinant monoclonal antibody, PBS Only (Detector) 88996-2-PBS (262111H6). 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.

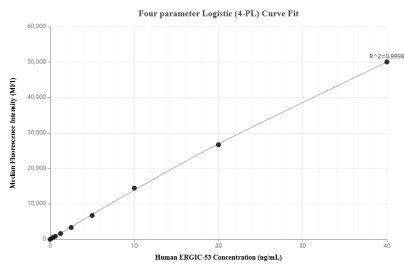
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

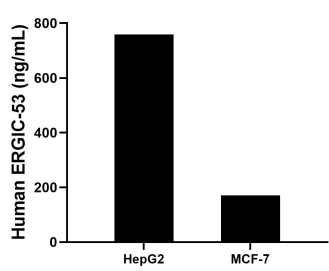
Storage

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 MP03757-1, ERGIC-53 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88996-3-PBS. Detection antibody: 88996-2-PBS. Standard: Ag4183. Range: 0.312-40 ng/mL



The mean ERGIC-53 concentration was determined to be 759.0 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 170.6 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.