

PEG3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00940-1

Capture Antibody Information

Catalog Number: 84030-2-PBS	Clone ID: 241234D2	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: paternally expressed 3
Isotype: IgG	GenBank: BC150272	Gene ID: 5178
Purification Method: Protein A purification	Immunogen Catalog Number: Ag20132	

Detection Antibody Information

Catalog Number: 84030-3-PBS	Clone ID: 241234F2	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: paternally expressed 3
Isotype: IgG	GenBank: BC150272	Gene ID: 5178
Purification Method: Protein A purification	Immunogen Catalog Number: Ag20132	

Applications

Tested Applications: Cytometric bead array, Sandwich ELISA	Range: 0.156-20 ng/mL (Cytometric Bead Array) 78.1-5000 pg/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

MP00940-1 targets PEG3 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: PEG3 Recombinant antibody, PBS Only (Capture) 84030-2-PBS (241234D2). 100 µg. Concentration 1 mg/ml.

Detection antibody: PEG3 Recombinant antibody, PBS Only (Detector) 84030-3-PBS (241234F2). 100 µg. Concentration 1 mg/ml.

Alternative PEG3 matched antibody pairs: MP00940-2, MP00940-3

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.

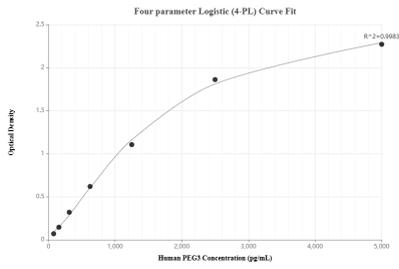
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

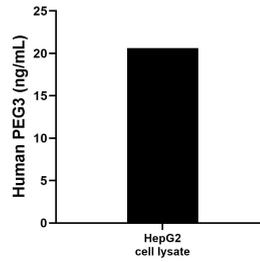
Storage

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

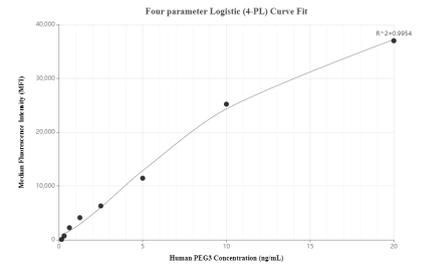
Selected Validation Data



Sandwich ELISA standard curve of MP00940-1, Human PEG3 Recombinant Matched Antibody Pair - PBS only. 84030-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag20132. 84030-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



HepG2 cell lysate was measured. The human PEG3 concentration of detected samples was determined to be 20.63 ng/mL (based on a 5.0 mg/mL extract load).



Cytometric bead array standard curve of MP00940-1, PEG3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84030-2-PBS. Detection antibody: 84030-3-PBS. Standard: Ag20132. Range: 0.156-20 ng/mL