

COL4A1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02536-1**

Capture Antibody Information

Catalog Number: 85256-3-PBS	Clone ID: 251500A3	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: collagen, type IV, alpha 1
Isotype: IgG	GenBank: BC151220	Gene ID: 1282
Purification Method: Protein A purification	Immunogen Catalog Number: Ag34391	

Detection Antibody Information

Catalog Number: 85256-2-PBS	Clone ID: 251500C1	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: collagen, type IV, alpha 1
Isotype: IgG	GenBank: BC151220	Gene ID: 1282
Purification Method: Protein A purification	Immunogen Catalog Number: Ag34391	

Applications

Tested Applications: Cytometric bead array	Range: 0.781-100 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

MP02536-1 targets COL4A1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: COL4A1 Recombinant antibody, PBS Only (Capture) 85256-3-PBS (251500A3). 100 µg. Concentration 1 mg/mL.

Detection antibody: COL4A1 Recombinant antibody, PBS Only (Detector) 85256-2-PBS (251500C1). 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.

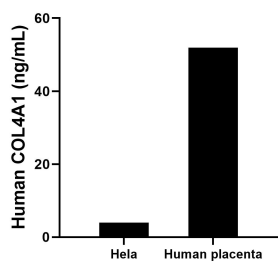
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

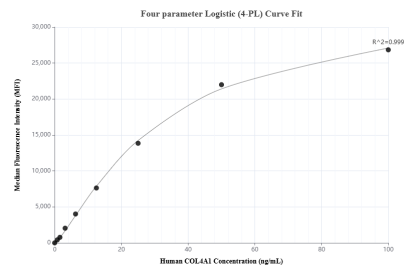
Storage

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



The mean COL4A1 concentration was determined to be 4.0 ng/mL in Hela cell extract based on a 1.1 mg/mL extract load, 51.9 ng/mL in Human placenta tissue extract based on a 3.2 mg/mL extract load.



Cytometric bead array standard curve of MP02536-1, COL4A1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85256-3-PBS. Detection antibody: 85256-2-PBS. Standard: Ag34391. Range: 0.781-100 ng/mL