

CD21 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02864-2**

Capture Antibody Information

Catalog Number: 87097-3-PBS	Clone ID: 252181G8	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: complement component (3d/Epstein Barr virus) receptor 2
Isotype: IgG	GenBank: NM_001877.5	Gene ID: 1380
Purification Method: Protein A purification	Immunogen Catalog Number: Eg2980	

Detection Antibody Information

Catalog Number: 87097-1-PBS	Clone ID: 252181F1	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: complement component (3d/Epstein Barr virus) receptor 2
Isotype: IgG	GenBank: NM_001877.5	Gene ID: 1380
Purification Method: Protein A purification	Immunogen Catalog Number: Eg2980	

Applications

Tested Applications: Sandwich ELISA	Range: 0.195–12.5 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

MP02864-2 targets CD21 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CR2 Recombinant monoclonal antibody, PBS Only (Capture) 87097-3-PBS (252181G8). 100 µg. Concentration 1 mg/mL.

Detection antibody: CR2 Recombinant monoclonal antibody, PBS Only (Detector) 87097-1-PBS (252181F1). 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.

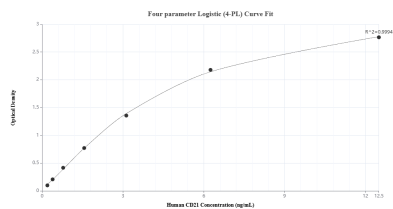
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

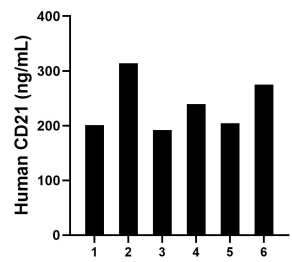
Storage

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

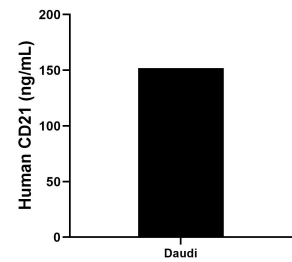
Selected Validation Data



Sandwich ELISA standard curve of MP02864-2, Human CD21 Recombinant Matched Antibody Pair - PBS only. 87097-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2980. 87097-1-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL



Plasma of six individual healthy human donors was measured. The human CD21 concentration of detected samples was determined to be 7.29 ng/mL with a range of 3.90 - 9.46 ng/mL



The mean CD21 concentration was determined to be 152.00 ng/mL in Daudi cell extract based on a 1.8 mg/mL extract load.