

BRCA2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03287-1**

Capture Antibody Information

Catalog Number: 87225-2-PBS	Clone ID: 252307C7	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: breast cancer 2, early onset
Isotype: IgG	GenBank: NM_000059	Gene ID: 675
Purification Method: Protein A purification	Immunogen Catalog Number: Ag31064	

Detection Antibody Information

Catalog Number: 87225-3-PBS	Clone ID: 252307B9	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: breast cancer 2, early onset
Isotype: IgG	GenBank: NM_000059	Gene ID: 675
Purification Method: Protein A purification	Immunogen Catalog Number: Ag31064	

Applications

Tested Applications: Sandwich ELISA	Range: 0.156-10 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

MP03287-1 targets BRCA2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: BRCA2 Recombinant monoclonal antibody, PBS Only (Capture) 87225-2-PBS (252307C7). 100 µg. Concentration 1 mg/mL.

Detection antibody: BRCA2 Recombinant monoclonal antibody, PBS Only (Detector) 87225-3-PBS (252307B9). 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.

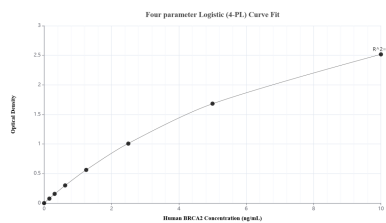
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

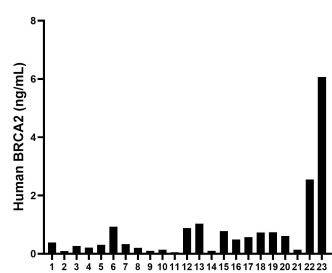
Storage

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

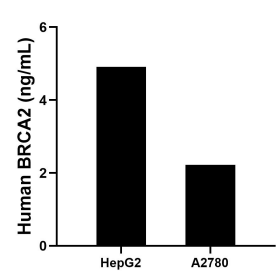
Selected Validation Data



Sandwich ELISA standard curve of MP03287-1, Human BRCA2 Recombinant Matched Antibody Pair - PBS only. 87225-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag31064. 87225-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Plasma of twenty-three individual healthy human donors was measured. The BRCA2 concentration of detected samples was determined to be 0.77 ng/mL with a range of 0.05-6.07 ng/mL.



The mean BRCA2 concentration was determined to be 4.91 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load and 2.22 ng/mL in A2780 cell extract based on a 1.20 mg/mL extract load.