

BRCA2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03287-1**

Capture Antibody Information

Catalog Number:

87225-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252307C7

Reactivity:

human

Immunogen Catalog Number:

Ag31064

Conjugate:

Unconjugated

Full name:

breast cancer 2, early onset

Gene ID:

675

Detection Antibody Information

Catalog Number:

87225-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252307B9

Reactivity:

human

GenBank:

NM_000059

Immunogen Catalog Number:

Ag31064

Conjugate:

Unconjugated

Full name:

breast cancer 2, early onset

Gene ID:

675

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.

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.

Storage buffer:

PBS only

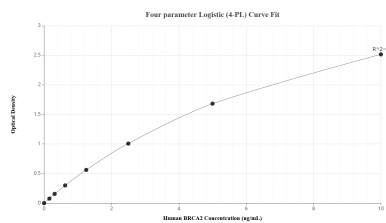
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

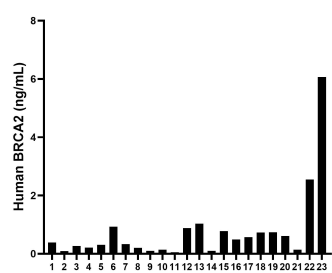
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

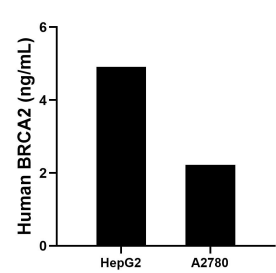
Selected Validation Data



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.