

For Research Use Only

BRCA2 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87225-2-PBS



Basic Information

Catalog Number: 87225-2-PBS	GenBank Accession Number: NM_000059	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 675	CloneNo.: 252307C7
Source: Rabbit	UNIPROT ID: P51587	
Isotype: IgG	Full Name: breast cancer 2, early onset	
Immunogen Catalog Number: AG31064	Calculated MW: 384 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87225-2-PBS targets BRCA2 as part of a matched antibody pair:

MP03287-1: 87225-2-PBS capture and 87225-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

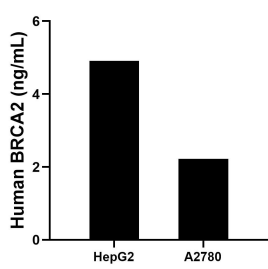
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

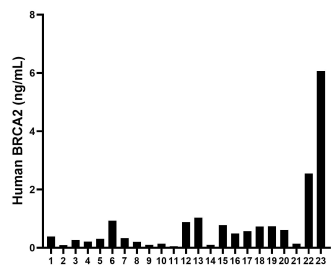
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

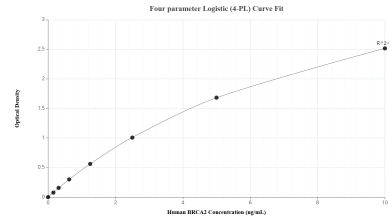
Selected Validation Data



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.



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.



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.