

For Research Use Only

PEG3 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84030-2-PBS



Basic Information

Catalog Number: 84030-2-PBS	GenBank Accession Number: BC150272	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5178	CloneNo.: 241234D2
Source: Rabbit	UNIPROT ID: Q9GZU2	
Isotype: IgG	Full Name: paternally expressed 3	
Immunogen Catalog Number: AG20132	Calculated MW: 1588 aa, 181 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84030-2-PBS targets PEG3 as part of a matched antibody pair:

MP00940-1: 84030-2-PBS capture and 84030-3-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP00940-2: 84030-2-PBS capture and 84030-4-PBS detection (validated in Cytometric bead array)

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

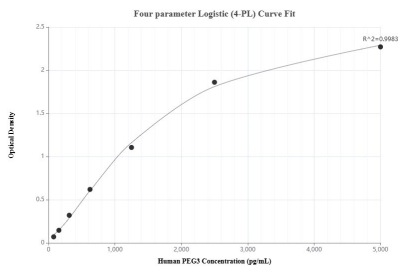
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

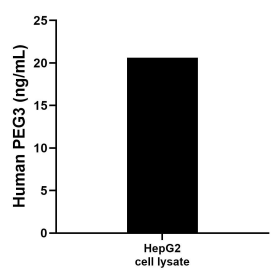
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

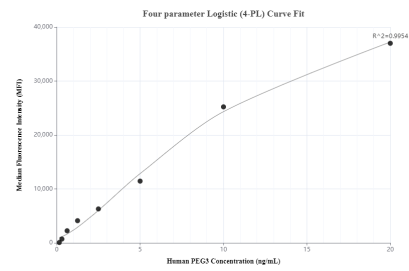
Selected Validation Data



Sandwich ELISA standard curve of MP00940-1, Human PEG3 Recombinant Matched Antibody Pair - PBS only. 84030-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag20132. 84030-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



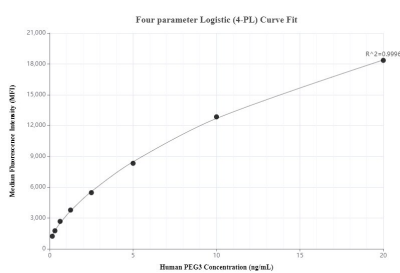
HepG2 cell lysate was measured. The human PEG3 concentration of detected samples was determined to be 20.63 ng/mL (based on a 5.0 mg/mL extract load).



Cytometric bead array standard curve of MP00940-1, PEG3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84030-2-PBS. Detection antibody: 84030-3-PBS. Standard: Ag20132. Range: 0.156-20 ng/mL



Cytometric bead array standard curve of MP00940-2, PEG3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84030-2-PBS. Detection antibody: 84030-4-PBS. Standard: null. Range: null.



Cytometric bead array standard curve of MP00940-2, PEG3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84030-2-PBS. Detection antibody: 84030-4-PBS. Standard: Ag20132. Range: 0.156-20 ng/mL