

For Research Use Only

Beta galactosidase Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83706-4-PBS



Basic Information

Catalog Number: 83706-4-PBS	GenBank Accession Number: BC007493	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2720	CloneNo.: 240788C5
Source: Rabbit	UNIPROT ID: P16278	
Isotype: IgG	Full Name: galactosidase, beta 1	
Immunogen Catalog Number: AG7792	Calculated MW: 76 kDa	

Applications

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

Species Specificity:
human

Product Information

83706-4-PBS targets Beta galactosidase as part of a matched antibody pair:

MP00647-3: 83706-1-PBS capture and 83706-4-PBS detection (validated in Cytometric bead array)

MP00647-4: 83706-4-PBS capture and 83706-6-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

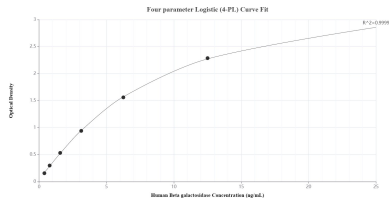
For technical support and original validation data for this product please contact:

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

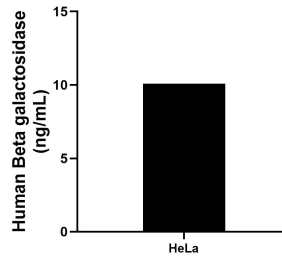
E: proteintech@ptglab.com
W: ptglab.com

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

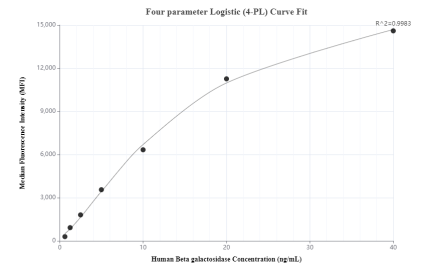
Selected Validation Data



Sandwich ELISA standard curve of MP00647-4, Human Beta galactosidase Recombinant Matched Antibody Pair - PBS only. 83706-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7792. 83706-6-PBS was HRP conjugated as the detection antibody. Range: 0.39-12.5 ng/mL



The mean Beta galactosidase concentration was determined to be 10.08 ng/mL in HeLa cell extract based on a 2.00 mg/mL extract load.



Cytometric bead array standard curve of MP00647-3, Beta galactosidase Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83706-1-PBS. Detection antibody: 83706-4-PBS. Standard: Ag7792. Range: 0.625-40 ng/mL