

For Research Use Only

GPR183 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87492-2-PBS



Basic Information

Catalog Number: 87492-2-PBS	GenBank Accession Number: BC020752	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1880	CloneNo.: 252701A7
Source: Rabbit	UNIPROT ID: P32249	
Isotype: IgG	Full Name: G protein-coupled receptor 183	
	Calculated MW: 361 aa, 41 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

87492-2-PBS targets GPR183 as part of a matched antibody pair:

MP03015-1: 87492-2-PBS capture and 87492-1-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

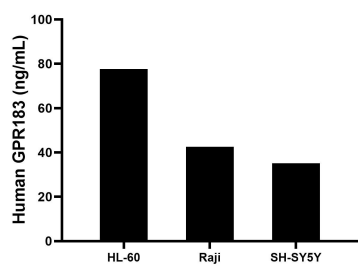
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

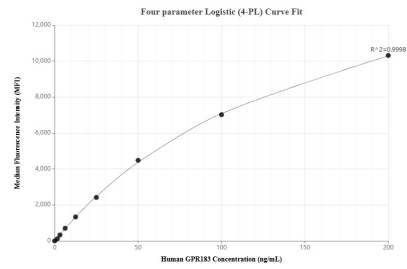
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean GPR183 concentration was determined to be 77.7 ng/mL in HL-60 cell extract based on a 1.2 mg/mL extract load, 42.5 ng/mL in Raji cell extract based on a 1.2 mg/mL extract load, 35.1 ng/mL in SH-SY5Y cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03015-1, GPR183 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87492-2-PBS. Detection antibody: 87492-1-PBS. Standard: Ag3035. Range: 1.562-200 ng/mL