

For Research Use Only

GPR183 Recombinant monoclonal antibody

Catalog Number: 87492-4-RR



Basic Information

Catalog Number: 87492-4-RR	GenBank Accession Number: BC020752	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1880	CloneNo.: 260283A6
Source: Rabbit	UNIPROT ID: P32249	Recommended Dilutions: WB: 1:1000-1:4000 IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: G protein-coupled receptor 183	
	Calculated MW: 361 aa, 41 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : Raji cells, Daudi cells, Fetal human brain tissue IF/ICC : Raji cells, Daudi cells

Background Information

G-protein-coupled receptor 183, also known as Epstein-Barr virus-induced gene 2 (EBI2), was initially identified in B cells and is the most upregulated gene after infection with Epstein-Barr virus (PMID:37353188). GPR183 is known to play a key role in the development of antibody responses in secondary lymphoid organs (PMID:23473835).

Storage

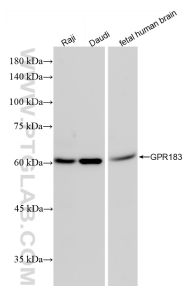
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

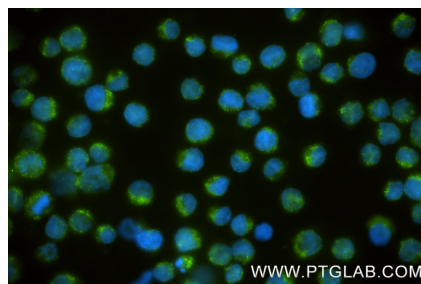
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

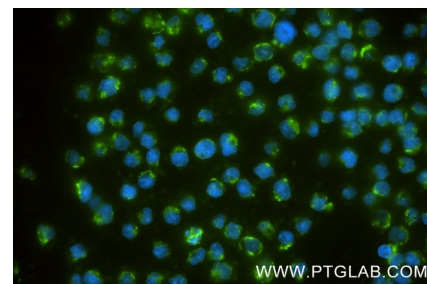
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87492-4-RR (GPR183 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Raji cells using GPR183 antibody (87492-4-RR, Clone: 260283A6) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunofluorescent analysis of (4% PFA) fixed Daudi cells using GPR183 antibody (87492-4-RR, Clone: 260283A6) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).