

For Research Use Only

Gpr44 Recombinant monoclonal antibody

Catalog Number: 87773-1-RR



Basic Information

Catalog Number: 87773-1-RR	GenBank Accession Number: BC111906	Purification Method: Protein A purification
Size: 100ul, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 14764	CloneNo.: 253116E12
Source: Rabbit	UNIPROT ID: Q9Z2J6	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: G protein-coupled receptor 44	
	Observed MW: 35 kDa, 40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: Jurkat cells, TT cells, HuH-7 cells, mouse cerebellum tissue, rat cerebellum tissue
Species Specificity: human, mouse, rat	

Background Information

GPR44 (PTGDR2/CRTH2) is a Gi-coupled prostaglandin D₂ receptor expressed on Th2 lymphocytes, eosinophils, and basophils, where it mediates chemotaxis and activation of type 2 immune cells. Through PGD₂-dependent signaling, GPR44 plays a central role in allergic inflammation and eosinophilic immune responses, making it an important therapeutic target in asthma and other Th2-mediated diseases.

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

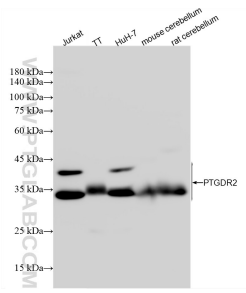
For technical support and original validation data for this product please contact:

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 87773-1-RR (Gpr44 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.