

For Research Use Only

# Mouse Gpr44 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87773-1-PBS



## Basic Information

<b>Catalog Number:</b> 87773-1-PBS	<b>GenBank Accession Number:</b> BC111906	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 14764	<b>CloneNo.:</b> 253116E12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Z2J6	
<b>Isotype:</b> IgG	<b>Full Name:</b> G protein-coupled receptor 44	
	<b>Observed MW:</b> 35 kDa, 40 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

GPR44 (PTGDR2/CRTH2) is a Gi-coupled prostaglandin D<sub>2</sub> receptor expressed on Th2 lymphocytes, eosinophils, and basophils, where it mediates chemotaxis and activation of type 2 immune cells. Through PGD<sub>2</sub>-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

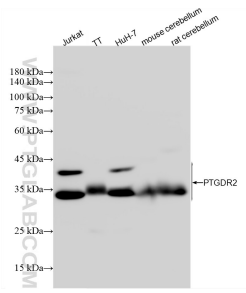
**Storage:**  
Store at -80°C.

**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

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## 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. This data was developed using the same antibody clone with 87773-1-PBS in a different storage buffer formulation.