

For Research Use Only

Mouse Gpr44 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87773-1-PBS



Basic Information

Catalog Number:

87773-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC111906

GeneID (NCBI):

14764

UNIPROT ID:

Q9Z2J6

Full Name:

G protein-coupled receptor 44

Observed MW:

35 kDa, 40 kDa

Purification Method:

Protein A purification

CloneNo.:

253116E12

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

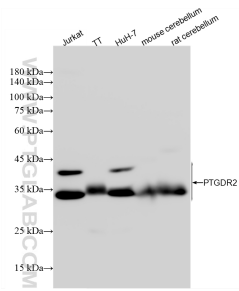
T: 4006900926

E: Proteintech-CN@ptglab.com

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