

For Research Use Only

FCGR4/CD16-2 Polyclonal antibody

Catalog Number: 33531-1-AP

1 Publications



Basic Information

Catalog Number:

33531-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG7179

GenBank Accession Number:

NM_144559.2

GeneID (NCBI):

246256

UNIPROT ID:

A0A0B4J1G0

Full Name:

Fc receptor, IgG, low affinity IV

Calculated MW:

28 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

mouse

Cited Species:

mouse

Positive Controls:

WB : J774A.1 cells, RAW 264.7 cells, mouse spleen tissue

Background Information

Fc gamma receptors (Fc γ Rs) are receptors for the Fc region of immunoglobulin G (IgG) antibodies and play important roles in immune responses. Mouse FCGR4, also known as CD16-2 or FcgammaRIV, is the mouse ortholog of primate FcgammaRIII (PMID: 12389094; 16039578; 17558411). FCGR4 is expressed on monocytes, macrophages, and neutrophils, and it binds to IgG2a and IgG2b with intermediate affinity (PMID: 16039578). It also acts as a receptor for the Fc region of immunoglobulin epsilon (IgE) (PMID: 17558411; 18949059).

Notable Publications

Author	Pubmed ID	Journal	Application
Feng Mei	41358004	Front Cell Dev Biol	WB

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

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

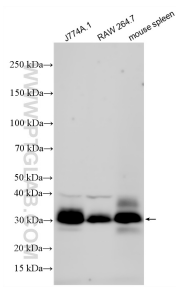
T: 4006900926

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 33531-1-AP (FCGR4/CD16-2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.