

For Research Use Only

FCGR4/CD16-2 Polyclonal antibody

Catalog Number: 33531-1-AP

1 Publications



Basic Information

Catalog Number: 33531-1-AP	GenBank Accession Number: NM_144559.2	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 246256	Recommended Dilutions: WB: 1:1000-1:4000
Source: Rabbit	UNIPROT ID: A0A0B4J1G0	
Isotype: IgG	Full Name: Fc receptor, IgG, low affinity IV	
Immunogen Catalog Number: EG7179	Calculated MW: 28 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : J774A.1 cells, RAW 264.7 cells, mouse spleen tissue
Cited Applications: WB	
Species Specificity: mouse	
Cited Species: mouse	

Background Information

Fc gamma receptors (FcγRs) 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 FcγgammaRIV, is the mouse ortholog of primate FcγgammaRIII (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

*** 20ul sizes contain 0.1% BSA

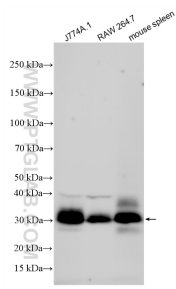
For technical support and original validation data for this product please contact:

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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.