

Rabbit anti-Mouse FCGR4 Monoclonal Antibody | anti-FCGR4 antibody

Recombinant Anti-FCGR4 Antibody, Rabbit Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257062	Rabbit	Mouse	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, ELISA

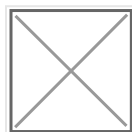
PRODUCT SYNONYMS

FCGR4; Monoclonal Antibody; Recombinant Anti-FCGR4 Antibody; Rabbit Monoclonal; CD16-2/FCGR4 Antibody; Rabbit MAb; Fc receptor; IgG; low affinity IV; Anti-4833442P21Rik Antibody; Anti-CD16-2 Antibody; Anti-FcgammaRIV Antibody; Anti-Fcgr3a Antibody; Anti-FcgRIV Antibody; Anti-Fcrl3 Antibody; anti-FCGR4 antibody

PRODUCT SPECIFICATIONS

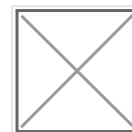
Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	012
Specificity	Mouse CD16-2/FCGR4. No cross-reactivity in ELISA with Human CD16a/FCGR3A/FcRIIIa, Human CD16b/FCGR3B/FcRIIIb, Human CD32a/FCGR2A, Human CD32b/FCGR2B, Mouse CD16/FCGR3 Has cross-reactivity in ELISA with Human CD64/FCGR1A
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FCGR4 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), ELISA
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Mouse FCGR4 protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse FCGR4 (rM FCGR4).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of FCGR4 expression on Raw264.7 cells. Mouse leukaemic monocyte macrophage cell line RAW 264.7 were stained with anti-mouse FCGR4 (50036-R012), then a FITC-conjugated second step antibody. The histogram were derived from the gated events based on light scattering characteristics of lymphocytes.



IF (Immunofluorescence)

Immunofluorescence staining of Mouse FcGR4 in RAW264.7 cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with Rabbit anti-Mouse FcGR4 monoclonal antibody (1:100) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to plasma membrane.

ADDITIONAL INFORMATION

Product Categories/Family for anti-FCGR4 antibody	Fc Receptors
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224922770
NCBI GeneID	246256
NCBI Accession #	NP_653142.2
NCBI GenBank Nucleotide #	NM_144559.2
UniProt Accession #	Q8R2R4; Q3TC44; Q8R477; A0A0B4J1G0
Molecular Weight	28,398 Da
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor IV
NCBI Official Synonym Full Names	Fc receptor, IgG, low affinity IV
NCBI Official Symbol	Fcgr4
NCBI Official Synonym Symbols	Fcrl3; CD16-2; FcgRIV; Fcgr3a; FcgammaRIV; 4833442P21Rik
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor IV
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor IV
UniProt Gene Name	Fcgr4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.