

Rabbit anti-Mouse CD64 Monoclonal Antibody | anti-FCGR1 antibody

Recombinant Anti-CD64 Antibody, Rabbit Monoclonal

CATALOG # AAA257081	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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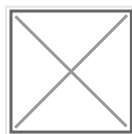
PRODUCT SYNONYMS

CD64; Monoclonal Antibody; Recombinant Anti-CD64 Antibody; Rabbit Monoclonal; CD64/FCGR1 Antibody; Rabbit MAb; Fc receptor; IgG; high affinity I; Anti-AI323638 Antibody; Anti-AV092959 Antibody; Anti-CD64 Antibody; Anti-FcgammaRI Antibody; Anti-IGGHAFC Antibody; anti-FCGR1 antibody

PRODUCT SPECIFICATIONS

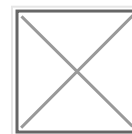
Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	1
Specificity	Mouse FCGR1/CD64. Has cross-reactivity in ELISA with Human CD64/FCGR1A No cross-reactivity in ELISA with Mouse CD16-2/FCGR4, Mouse FCGR2B/CD32, Mouse FCGR3/CD16, Human CD16a/FCGR3A, Human CD16b/FCGR3B, Human CD32a/FCGR2A, Human CD32b/FCGR2B
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-FCGR1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse FCGR1 protein.
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse FCGR1 extracellular domain (rM FCGR1; NP_034316.1; Met 1-Pro 297).
Preparation and Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse FCGR1 in mouse brain with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections). Positive staining was localized to microglia.



IHC (Immunohistochemistry)

Immunochemical staining of mouse FCGR1 in mouse liver with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections). Positive staining was localized to Kupffer cell.



IHC (Immunohistochemistry)

Immunochemical staining of mouse FCGR1 in mouse spleen with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections). The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).

ADDITIONAL INFORMATION

Product Categories/Family for anti-FCGR1 antibody	Fc Receptors
References	Allen J.M., et al., (1988), Nucleotide sequence of three cDNAs for the human high affinity Fc receptor (FcRI). Nucleic Acids Res. 16:11824-11824.Allen J.M., et al., (1989), Isolation and expression of functional high-affinity Fc receptor complementary DNAs.Science 243:378-381.Porges A.J., et al., (1992), Novel Fc gamma receptor I family gene products in human mononuclear cells.J. Clin. Invest. 90:2102-2109.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753832
NCBI GeneID	14129
NCBI Accession #	NP_034316.1
NCBI GenBank Nucleotide #	NM_010186.5
UniProt Accession #	P26151
NCBI Official Full Name	high affinity immunoglobulin gamma Fc receptor I
NCBI Official Synonym Full Names	Fc receptor, IgG, high affinity I
NCBI Official Symbol	Fcgr1
NCBI Official Synonym Symbols	CD64; IGGHAFc; AI323638; AV092959; FcgammaRI
NCBI Protein Information	high affinity immunoglobulin gamma Fc receptor I
UniProt Protein Name	High affinity immunoglobulin gamma Fc receptor I
UniProt Gene Name	Fcgr1
UniProt Synonym Gene Names	Fcg1; IgG Fc receptor I; FcRI
UniProt Entry Name	FCGR1_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd64-antibody-clone-1-immunohistochemistry-elisa/257081>