

Mouse anti-Human FCGR1A / CD64 Monoclonal Antibody | anti-FCGR1A / CD64 antibody

Anti-FCGR1A / CD64 Antibody (clone 1A8) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52560	Mouse	Human	Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

FCGR1A / CD64; Monoclonal Antibody; Anti-FCGR1A / CD64 Antibody (clone 1A8) IHC-plus; Mouse Monoclonal [clone 1A8] (IgG1) to Human FCGR1A / CD64; Human FCGR1A / CD64; CD64A; CD64 antigen; FCG1; FcgammaRIa; IGFR1; IgG Fc receptor I; Fc-gamma receptor I A1; Fc-gamma RIA; FCGR1; Fc gamma receptor; Fc-gamma RI; FCRI; anti-FCGR1A / CD64 antibody

PRODUCT SPECIFICATIONS

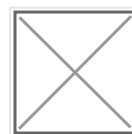
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1A8
Specificity	Human FCGR1A / CD64
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	374
Applicable Applications for anti-FCGR1A / CD64 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	FCGR1A / CD64 antibody was raised against full length human recombinant protein of human FCGR1A(NP_000557) produced in HEK293T cell.
Immunogen Description	Full length human recombinant protein of human FCGR1A(NP_000557) produced in HEK293T cell.
Immunogen Type	Recombinant protein
Target Species	Human
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FCGR1A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FCGR1A.



IF (Immunofluorescence)

Anti-FCGR1A mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY FCGR1A.

**IHC (Immunohistochemistry)**

Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)

**IHC (Immunohistochemistry)**

Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION**Related Product Information for anti-FCGR1A / CD64 antibody**

FCGR1A Antibody, CD64A Antibody, CD64 Antibody, CD64 antigen Antibody, FCG1 Antibody, FcgammaR1a Antibody, IGFR1 Antibody, IgG Fc receptor I Antibody, Fc-gamma receptor I A1 Antibody, Fc-gamma R1A Antibody, FCGR1 Antibody, Fc gamma receptor Antibody, Fc-gamma RI Antibody, FCRI Antibody Description: High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835133
NCBI GeneID	2209
NCBI Accession #	NP_000557.1
NCBI GenBank Nucleotide #	NM_000566.3
UniProt Accession #	P12314 ; P12315 ; Q5QNW7 ; Q92495 ; Q92663
Molecular Weight	38,795 Da
NCBI Official Full Name	high affinity immunoglobulin gamma Fc receptor I
NCBI Official Synonym Full Names	Fc fragment of IgG receptor Ia
NCBI Official Symbol	FCGR1A
NCBI Official Synonym Symbols	CD64; FCRI; CD64A; IGFR1
NCBI Protein Information	high affinity immunoglobulin gamma Fc receptor I
UniProt Protein Name	High affinity immunoglobulin gamma Fc receptor I
UniProt Gene Name	FCGR1A
UniProt Synonym Gene Names	FCG1; FCGR1; IGFR1; IgG Fc receptor I; FcRI; FcgammaR1a
UniProt Entry Name	FCGR1_HUMAN

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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