

Rabbit CD16 Polyclonal Antibody | anti-CD16 antibody

CD16 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318791	Rabbit	Human, Rat, Mouse	ELISA, Immunofluorescence, Immunohistochemistry

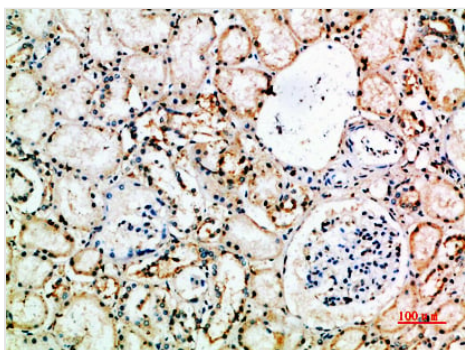
PRODUCT SYNONYMS

CD16; Polyclonal Antibody; CD16 Rabbit Polyclonal Antibody; BH6842; Low affinity immunoglobulin gamma Fc region receptor III-A/B (CD16a/b antigen)(Fc-gamma RIII-alpha/beta)(Fc-gamma RIII)(Fc-gamma RIIIa)(FcRIII)(FcRIIIa)(FcR-10)(IgG Fc receptor III-2)(CD antigen CD16a); anti-CD16 antibody

PRODUCT SPECIFICATIONS

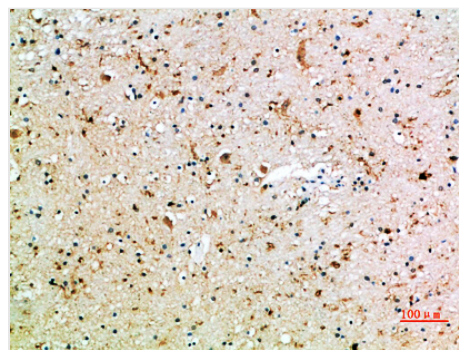
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous CD16
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD16 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Synthetic peptide from human protein at AA range: 100-150
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



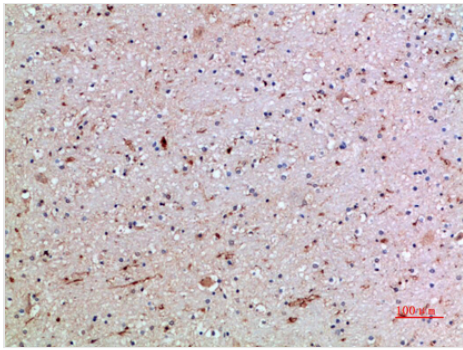
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-CD16 antibody	This gene encodes a receptor for the Fc portion of immunoglobulin G, and it is involved in the removal of antigen-Antibody complexes from the circulation, as well as other other Antibody-dependent responses. This gene (FCGR3A) is highly similar to another nearby gene (FCGR3B) located on chromosome 1. The receptor encoded by this gene is expressed on natural killer (NK) cells as an integral membrane glycoprotein anchored through a transmembrane peptide, whereas FCGR3B is expressed on polymorphonuclear neutrophils (PMN) where the receptor is anchored through a phosphatidylinositol (PI) linkage. Mutations in this gene have been linked to susceptibility to recurrent viral infections, susceptibility to systemic lupus erythematosus, and alloimmune neonatal neutropenia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119876
NCBI GeneID	2214
UniProt Accession #	P08637; O75015
Molecular Weight	254
NCBI Official Full Name	Low affinity immunoglobulin gamma Fc region receptor III-A
NCBI Official Synonym Full Names	Fc fragment of IgG, low affinity IIIa, receptor (CD16a)
NCBI Official Symbol	FCGR3A
NCBI Official Synonym Symbols	CD16; FCG3; CD16A; FCGR3; IGFR3; IMD20; FCR-10; FCRIII; FCGRIII; FCRIIIA
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor III-A; FcgammaRIIIA; CD16a antigen; fc-gamma RIII; Fc-gamma RIIIA; Fc-gamma RIII-alpha; igG Fc receptor III-2; Fc gamma receptor III-A; Fc-gamma receptor IIIB (CD16); neutrophil-specific antigen NA; Fc-
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor III-A
UniProt Gene Name	FCGR3A
UniProt Synonym Gene Names	CD16A; FCG3; FCGR3; IGFR3; Fc-gamma RIII; Fc-gamma RIIIA; FcRIII; FcRIIIa
UniProt Entry Name	FCG3A_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.