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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FCGR3A purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00002214-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human FCGR3A protein.

Immunogen: FCGR3A (AAH36723.1, 1 a.a. ~ 290 a.a) full-length human protein.

Sequence:
 MGGGAGERLFTSSCLVGLVPLGLRISLVTCPLQCGIMWQLLLPTALLL
 VSAGMRTEDLPKAVVFLPQWYRVLEKDSVTLKCGGAYSPEDNSTQWF
 HNESLISSQASSYFIDAATVDDSGEYRCQTNLSTLSDPVQLEVHIGWLL
 QAPRWVFKKEEDPIHLRCHSWKNTALHKVTYLQNGKGRKYFHNSDFYIP
 KATLKDSGSYFCRGLVGSKNVSETVNITITQGLAVSTISSFFPPGYQVS
 FCLVMMLLFAVDGLYFSVKTNRSSTRDWKDKHFKWRKDPQDK

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

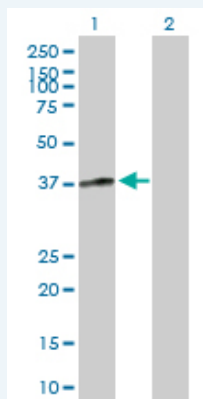
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of FCGR3A expression in transfected 293T cell line (H00002214-T01) by FCGR3A MaxPab polyclonal antibody.

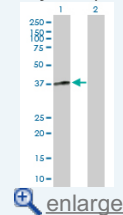
Lane 1: FCGR3A transfected lysate(32.60 KDa).
 Lane 2: Non-transfected lysate.

[Protocol Download](#)

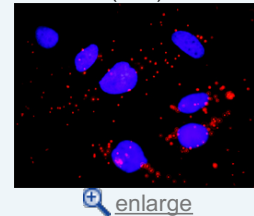
In situ Proximity Ligation Assay (Cell)

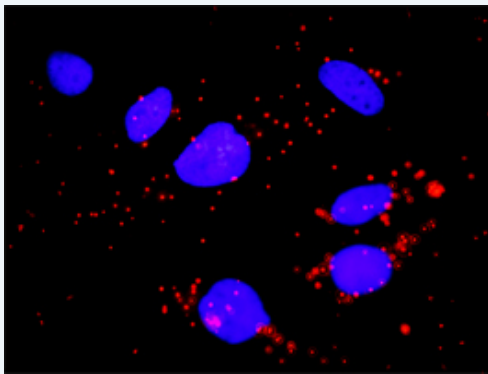
Application Image

Western Blot (Transfected lysate)



In situ Proximity Ligation Assay (Cell)





Proximity Ligation Analysis of protein-protein interactions between FCGR3A and FCGR1A. HeLa cells were stained with anti-FCGR3A rabbit purified polyclonal 1:1200 and anti-FCGR1A mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

Entrez GeneID: [2214](#)

GeneBank Accession#: [BC036723.1](#)

Protein Accession#: [AAH36723.1](#)

Gene Name: FCGR3A

Gene Alias: CD16,CD16A,FCG3,FCGR3,FCGRIII,FCR-10,FCRIII,FCRIIIA,IGFR3

Gene Description: Fc fragment of IgG, low affinity IIIa, receptor (CD16a)

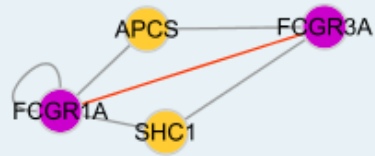
Omim ID: [146740](#), [152700](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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 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]

Other Designations: Fc fragment of IgG, low affinity III, receptor for (CD16),Fc fragment of IgG, low affinity IIIa, receptor for (CD16),Fc gamma receptor III-A,Fc-gamma RIII-alpha,Fc-gamma RIIIa,Fc-gamma receptor III-2 (CD 16),Fc-gamma receptor IIIb (CD16),FcgammaRIIIA,OTTH

Interactome



Gene Pathway

[Fc gamma R-mediated phagocytosis](#) [Natural killer cell mediated cytotoxicity](#)
[Systemic lupus erythematosus](#)

Related Disease

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