

## FCGR3A

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IF

**Recommended Dilution:**WB 1:500 - 1:2000 IF 1:50 - 1:100

**Calculated MW:**45kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human FCGR3A

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CD16; FCG3; CD16A; FCGR3; IGFR3; FCR-10; FCRIII; FCGRIII; FCRIIIA;

**Catalog #:**A1441

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2214

**Isotype:**IgG

**Swiss Prot:**P08637

**Purity:**Affinity purification

For research use only.

**Background:**

CD16a is involved in the removal of antigen-antibody complexes from the circulation, as well as other antibody-dependent responses. The receptor encoded by CD16a is expressed on natural killer (NK) cells as an integral membrane glycoprotein anchored through a transmembrane peptide. Mutations in CD16a have been linked to susceptibility to recurrent viral infections, susceptibility to systemic lupus erythematosus, and alloimmune neonatal neutropenia (1).

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