

FCGR2A

Reactivity:Human

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:35kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human FCGR2A

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CD32; CD32A; CDw32; FCG2; FCGR2; FCGR2A1; FcGR; IGFR2; MGC23887; MGC30032; FCGR2A;

Background:

CD32 (also designated Fc gamma RII) is a low affinity receptor for the Fc fragment of aggregated IgG (1,2). CD32 is responsible for the clearance of immunocomplexes by macrophages and also plays an important role in the regulation of antibody production by B cells (1-4). IgG can noncooperatively bind either one or two highly glycosylated CD32 molecules, and this binding delivers a negative signal for B cells (1,2,5). CD32 exists as several isoforms that are produced by alternative splicing of three distinct genes, A, B, and C (2,6). These isoforms are designated FcγRIIA, FcγRIIB1, FcγRIIB3, and FcγRIIC (1,2,6). All isoforms are present on monocytes, placental trophoblasts and endothelial cells (1,6). In addition, the FcγRIIB forms are present on B lymphocytes, and the FcγRIIA and FcγRIIC forms are found on neutrophils (1,6).

To place an order, please [Click HERE](#).

Catalog #:A1388

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:2212

Isotype:IgG

Swiss Prot:P12318

Purity:Affinity purification

For research use only.