

## **CD32-A Polyclonal Antibody**

Catalog No: YT0755

Reactivity: Human

**Applications:** WB;ELISA

Target: CD32-A

**Fields:** >>Phagosome;>>Osteoclast differentiation;>>Platelet activation;>>Neutrophil

extracellular trap formation;>>Fc gamma R-mediated phagocytosis;>>Pathogenic

Escherichia coli infection;>>Yersinia

infection;>>Leishmaniasis;>>Staphylococcus aureus

infection;>>Tuberculosis;>>Coronavirus disease - COVID-19;>>Systemic lupus

erythematosus

P12318

Gene Name: FCGR2A

**Protein Name:** Low affinity immunoglobulin gamma Fc region receptor II-a

Human Gene Id: 2212

**Human Swiss Prot** 

No:

**Immunogen:** The antiserum was produced against synthesized peptide derived from human

FCGR2A. AA range:241-290

**Specificity:** CD32-A Polyclonal Antibody detects endogenous levels of CD32-A protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 35kD

**Cell Pathway:** Fc gamma R-mediated phagocytosis; Systemic lupus erythematosus;

**Background:** Fc fragment of IgG receptor IIa(FCGR2A) Homo sapiens This gene encodes

one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, Oct 2008],

**Function:** function:Binds to the Fc region of immunoglobulins gamma. Low affinity

receptor. By binding to IgG it initiates cellular responses against pathogens and soluble antigens., similarity: Contains 2 Ig-like C2-type (immunoglobulin-like) domains., subunit: Interacts with INPP5D/SHIP1 and INPPL1/SHIP2, regulating its

function.,tissue specificity:Found on monocytes, neutrophils and eosinophil

platelets.,

Subcellular

Location:

Cell membrane ; Single-pass type I membrane protein .

**Expression :** Found on monocytes, neutrophils and eosinophil platelets.

**Sort**: 3549

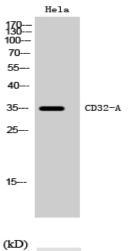
No4:

Host: Rabbit

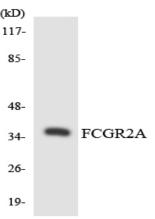
Modifications: Unmodified

## **Products Images**

2/3



Western Blot analysis of Hela cells using CD32-A Polyclonal Antibody



Western blot analysis of the lysates from 293 cells using FCGR2A antibody.