

## CD32-A Polyclonal Antibody

<b>Catalog No :</b>	YT5245
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	CD32-A
<b>Fields :</b>	>>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
<b>Gene Name :</b>	FCGR2A
<b>Protein Name :</b>	Low affinity immunoglobulin gamma Fc region receptor II-a
<b>Human Gene Id :</b>	2212
<b>Human Swiss Prot No :</b>	P12318
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the N-terminal region of human FCGR2A. AA range:41-90
<b>Specificity :</b>	CD32-A Polyclonal Antibody detects endogenous levels of CD32-A protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

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

**Observed Band :** 34kD

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

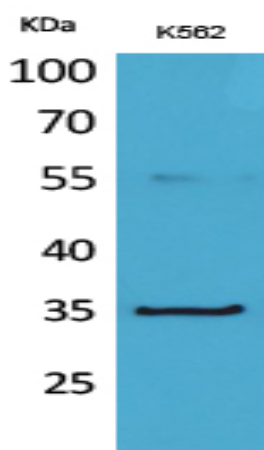
**Background :** Fc fragment of IgG receptor IIa(FCGR2A) Homo sapiens This gene encodes one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages 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.,

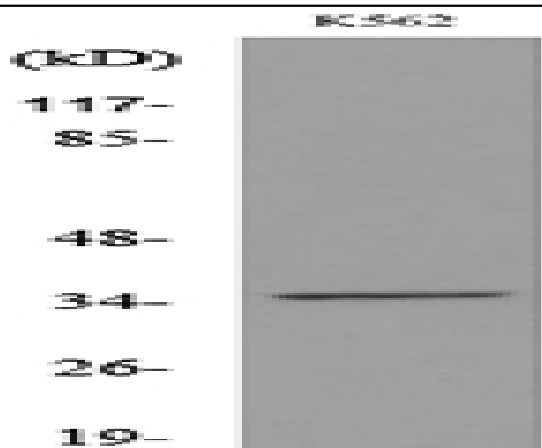
**Subcellular Location :** Cell membrane ; Single-pass type I membrane protein .

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

## Products Images



Western Blot analysis of K562 cells using CD32-A Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from K562 cells, using FCGR2A Antibody.