CD32-C Rabbit pAb

CatalogNo: YT0756

Key Features

Host Species
- Rabbit

Reactivity
- Human

Applications
- WB,ELISA

MW
- 35kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-1:2000
ELISA 1:40000
Not yet tested in other applications.

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human FCGR2C. AA range:251-300
Specificity	CD32-C Polyclonal Antibody detects endogenous levels of CD32-C protein.

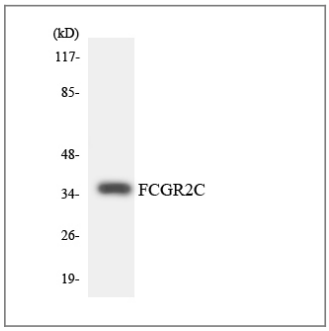
Target Information

Gene name	FCGR2C
Protein Name	Low affinity immunoglobulin gamma Fc region receptor II-c

Organism	Gene ID	UniProt ID
Human	9103;	P31995;

Cellular Localization	[Isoform IIC4]: Cytoplasm .; [Isoform IIC3]: Cell membrane; Single-pass type I membrane protein.; [Isoform IIC2]: Cell membrane; Single-pass type I membrane protein.; [Isoform IIC1]: Cell membrane; Single-pass type I membrane protein.
Tissue specificity	Isoform IIC1 is detected in monocytes, macrophages, polymorphonuclear cells and natural killer cells.
Function	Caution:Has sometimes been attributed to correspond to FcR-IIB.,Caution:Has sometimes been attributed to correspond to FcR-IIC.,Disease:A chromosomal aberration involving FCGR2B is found in a follicular lymphoma. Translocation t(1;22)(q22;q11). The translocation leads to the hyperexpression of the receptor. This may play a role in the tumor progression.,Domain:Contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.,Domain:Contains an intracytoplasmic twice repeated motif referred as immunoreceptor tyrosine-based activator motif (ITAM). These motifs are involved in triggering cell activation upon receptors aggregation.,Function:Receptor for the Fc region of complexed immunoglobulins gamma. Low affinity receptor. Involved in a variety of effector and regulatory functions such as phagocytosis of immune complexes and modulation of antibody production by B-cells.,Function:Receptor for the Fc region of complexed or aggregated immunoglobulins gamma. Low affinity receptor. Involved in a variety of effector and regulatory functions such as phagocytosis of immune complexes and modulation of antibody production by B-cells. Binding to this receptor results in down-modulation of previous state of cell activation triggered via antigen receptors on B-cells (BCR), T-cells (TCR) or via another Fc receptor. Isoform IIB1 fails to mediate endocytosis or phagocytosis. Isoform IIB2 does not trigger phagocytosis.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Isoform IIB1 interacts with measles virus N protein. N protein is released in the blood following lysis of measles infected cells. This interaction presumably block inflammatory immune response. Interacts with INPP5D/SHIP1.,tissue specificity:Is the most broadly distributed Fc-gamma-receptor. Expressed in monocyte, neutrophils, macrophages, basophils, eosinophils, Langerhans cells, B-cells, platelets cells and placenta (endothelial cells). Not detected in natural killer cells.,tissue specificity:Isoform IIC1 is detected in monocytes, macrophages, polymorphonuclear cells and natural killer cells.,

Validation Data



Western blot analysis of the lysates from HeLa cells using FCGR2C antibody.

Contact information

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Please scan the QR code to access additional product information:
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