

## CD32-C rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A12025	Rabbit	1 mg/ml	35578

<b>Reactivity</b>	Human
<b>Dilution</b>	WB: 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	CD32-C Polyclonal Antibody detects endogenous levels of CD32-C protein.
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human FCGR2C. AA range:251-300
<b>Uniprot No</b>	P31995
<b>Alternative names</b>	FCGR2C; CD32; FCG2; IGFR2; Low affinity immunoglobulin gamma Fc region receptor II-c; IgG Fc receptor II-c; CDw32; Fc-gamma RII-c; Fc-gamma-RIIc; FcRII-c; CD antigen CD32
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	<p>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.,</p>
<b>Other</b>	FCGR2C, Low affinity immunoglobulin gamma Fc region receptor II-c

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

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