

CD32-A Polyclonal Antibody

Catalog No. E-AB-30823

Note: Centrifuge before opening to ensure complete recovery of vial contents.

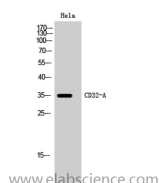
Description

Reactivity	Human
Immunogen	Synthesized peptide derived from the C-terminal region of human CD32-A
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol pH 7.4.

Applications Recommended Dilution

WB	1:500-1:2000
ELISA	1:20000

Data



Western Blot analysis of HeLa cells with CD32-A
Polyclonal Antibody.
Observed Mw:35kDa
Calculated Mw:35kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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).

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