

**Anti-Human CD32-A Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA02568**

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3th Edition

**Description:** 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).

**Antigen:** Synthesized peptide derived from the C-terminal region of human CD32-A

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

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