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# CD38 Polyclonal Antibody

**Cat #:** G-AB-03087

**Host:** Rabbit **Reactivity:** Human

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
CD38 is a novel multifunctional ectoenzyme widely expressed in cells and tissues especially in leukocytes. CD38 also functions in cell adhesion,signal transduction and calcium signaling. Synthesizes cyclic ADP-ribose, a second messenger for glucose-induced insulin secretion. Also has cADPr hydrolase activity. Also moonlights as a receptor in cells of the immune system.

**Gene ID:**

**Accession #:** NP_001766

**Immunogen:** Synthetic peptide of human CD38

**Conjugation:** Unconjugated

**Swissprot:** P28907

**Calculated Molecular Weight:** 34 kDa

**Observed Molecular Weight:**

**Concentration:** 0.9 mg/mL

**Buffer:** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

**Purification Method:** Affinity purification

**Application:** WB,IHC,ELISA

**Dilution:** WB 1:500-1:2000, IHC 1:50-1:200

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

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