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# CD47 Polyclonal Antibody

**Cat #:** G-AB-11599

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

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

**Overview:**
This gene encodes a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded protein is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This gene has broad tissue distribution, and is reduced in expression on Rh erythrocytes. Alternatively spliced transcript variants have been found for this gene.

**Gene ID:** 961

**Accession #:**

**Immunogen:** Recombinant fusion protein of human CD47 (NP_942088.1).

**Conjugation:** Unconjugated

**Swissprot:** Q08722

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3

**Purification Method:** Affinity purification

**Application:** IF

**Dilution:** IF 1:50-1:200

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