

CD47 Rabbit mAb

Catalog No.: A11382 **Recombinant** **2 Publications**

Basic Information

Observed MW

50kDa

Calculated MW

35kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

CloneNo number

ARC0584

Background

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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

961

Swiss Prot

Q08722

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 224-323 of human CD47 (Q08722).

Synonyms

IAP; OA3; MER6; CD47

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

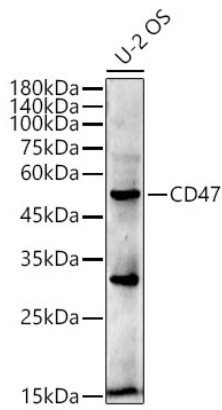
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using CD47 antibody (A11382) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.