

CD47 Rabbit mAb

Catalog No: #56041

Package Size: #56041-1 50ul #56041-2 100ul

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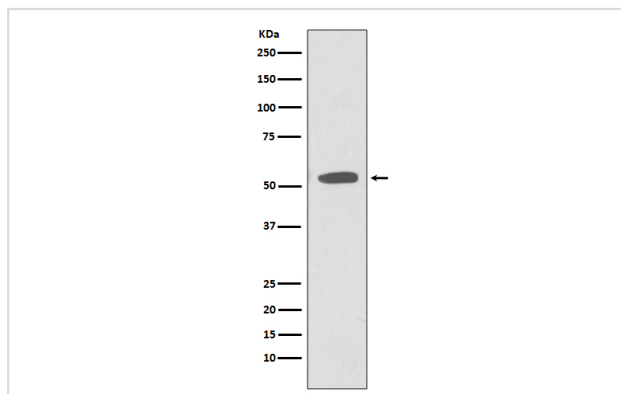
Description

Product Name	CD47 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF FC
Species Reactivity	Human Mouse Rat
Specificity	CD47 Antibody detects endogenous levels of total CD47
Immunogen Description	A synthesized peptide derived from human CD47
Other Names	CD47; IAP; Integrin Associated Protein; MER6 ; OA3; Protein MER6 ; Antigen identified by monoclonal antibody 1D8
Accession No.	Uniprot:Q08722
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Calculated MW	55kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4 Λ C short term. Store at -20 Λ C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:1000~1:2000 ICC/IF:1:50~1:200 FC:1:50

Images



Western blot analysis of extracts of NIH/3T3 cell lysate, using CD47 antibody.

Product Description

CD47 is an integral membrane protein that plays a role in the regulation of cation fluxes across cell membranes. Specifically, CD47 is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to the extracellular matrix. It is also a receptor for the C-terminal cell binding domain of thrombospondin (SIRP). CD47 is absent from Rh-null erythrocytes, but does play a role in cell adhesion in non-erythroid cells and

may prevent premature elimination of erythrocytes.

Note: This product is for in vitro research use only