

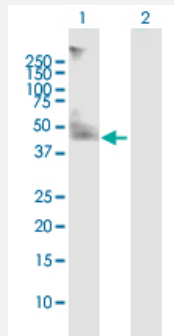
MaxPab®

CD47 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00000961-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CD47 expression in transfected 293T cell line ([H00000961-T04](#)) by CD47 MaxPab polyclonal antibody.

Lane 1: CD47 transfected lysate(35.53 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CD47 protein.
Immunogen	CD47 (NP_001768.1, 1 a.a. ~ 323 a.a) full-length human protein.
Sequence	MWPLVAALLLGSACCGSAQLLFNKTKSVEFTFCNDTVVPCFVTNMEAQNTTEVVVKWFKGRDI YTFDGALNKSTVPTDFSSAKIEVSQLLKGDASLKMDKSDAVSHTGNYTCEVTEL TREGETIIEIKYR VVSWFSPNENILMIFPIFAILLFWGQFGIKTLKYRSGGMDEKTIALLVAGLVITVIVGAILFVPGEYSL KNATGLGLVTSTGILLHHYVFSTAIGLTSFVIAILVIQVIAIYLA VVGLSLCIAACIPMHGPLLISGLSILA LAQLLGLVYMKFVASNQKTIQPPRKAVEEPLNAFKESKGMNDE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (66); Rat (70)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CD47

Entrez GeneID [961](#)

GeneBank Accession# [NM_001777](#)

Protein Accession# [NP_001768.1](#)

Gene Name CD47

Gene Alias IAP, MER6, OA3

Gene Description CD47 molecule

Omim ID [601028](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Four alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

Other Designations CD47 antigen|CD47 antigen (Rh-related antigen, integrin-associated signal transducer)|CD47 glycoprotein|Rh-related antigen|antigen identified by monoclonal antibody 1D8|antigenic surface determinant protein OA3|integrin associated protein|integrin-associated

Pathway

- [ECM-receptor interaction](#)