

DNAxPAb

Hard-to-Find
Antibody

CD47 DNAxPab

Catalog # H00000961-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CD47 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MWPLVAALLLGSACCGSAQLLFNKTGSVEFTFCNDTVVIPCFVTNMEAQNTTEVYVKWFKGRDI YTFDGALNKSTVPTDFSSAKIEVSQLLKGDASLKMDKSDAVSHTGNYTCEVTEL TREGETIIE LKYR VVSWFSPNENILVIFPIFAILLFWGQFGIKTLKYRSGGMDEKTIALLVAGLVITVIVGAILFVPGEYSL KNATGLGLVTSTGILILLHYVVFSTAIGLTSFVAILVIQVIAIYILAVVGLSLCIAACIPMHGPLLISGLSILA LAQLLGLVYMKFVASNQKTIQPPRKAVEEPLNAFKESKGMMNDE
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CD47

Entrez GeneID [961](#)

GeneBank Accession# [NM_001777.3](#)

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](#)