

Product datasheet for **TA329098**

CD47 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, PEP-ELISA
Recommended Dilution:	WB: 0.3-1ug/ml
Reactivity:	Human (Expected from sequence similarity: Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Internal region (near C terminus) (SNQKTIQPPRK)
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD47 molecule
Database Link:	NP_001768 Entrez Gene 478552 Dog Entrez Gene 961 Human Q08722
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. [provided by RefSeq, Jul 2010]
Synonyms:	IAP; MER6; OA3
Note:	This antibody is expected to recognize both reported isoforms (NP_001768.1; NP_942088.1).

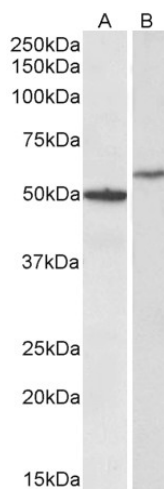


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Protein Families: Druggable Genome, Transmembrane

Protein Pathways: ECM-receptor interaction

Product images:



TA329098 (0.3ug/ml) staining of Human Hippocampus (A) and HeLa (B) lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.