

Product datasheet for **TA327193**

CD47 Rabbit Polyclonal Antibody

Product data:

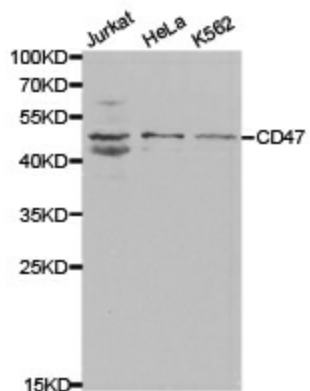
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50- 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human CD47
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
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 16423 Mouse Entrez Gene 29364 Rat 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
Protein Families:	Druggable Genome, Transmembrane



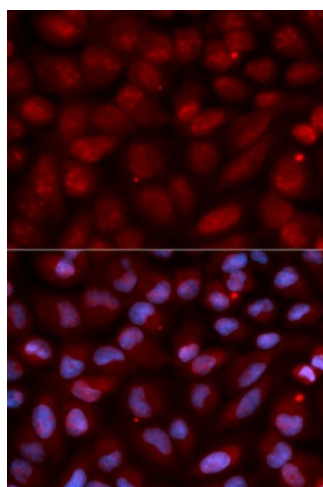
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Protein Pathways: ECM-receptor interaction

Product images:



Western blot analysis of extracts of various cell lines, using CD47 antibody.



Immunofluorescence analysis of U2OS cell using CD47 antibody. Blue: DAPI for nuclear staining.