

Product datasheet for **AP33397PU-N**

CD47 (23-140) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/20000 - 1/80000. Immunohistochemistry on Paraffin Sections: 2.5 - 5 µg/ml. Western Blot: 1/1000 - 1/2000.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human CD47 protein 23-140aa.
Specificity:	Recognizes Human CD47. Other species not tested.
Formulation:	PBS, pH 7.4 State: Aff - Purified State: Liquid purified IgG fraction Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD47 molecule
Database Link:	Entrez Gene 961 Human Q08722

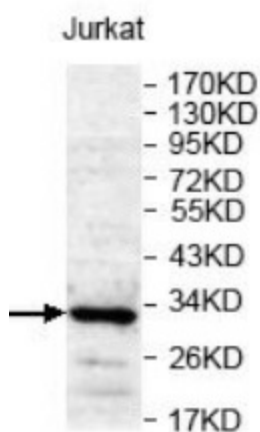


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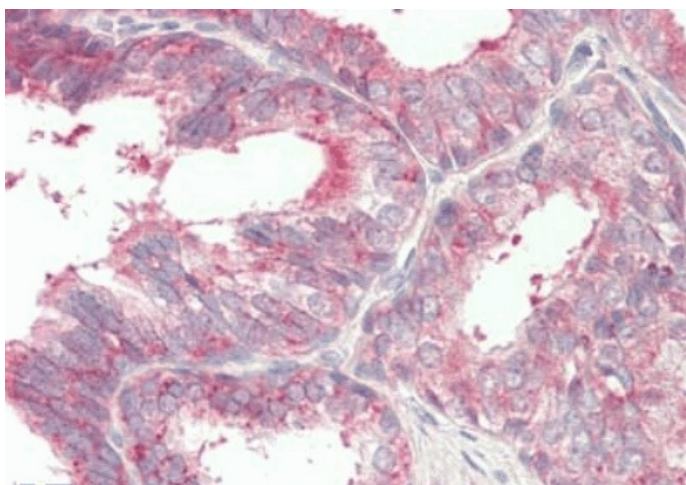
Background: CD47 is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. CD47 is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. CD47 has broad tissue distribution, and is reduced in expression on Rh erythrocytes.

Synonyms: MER6, IAP, OA3

Product images:



Western Blot analysis of Jurkat cell lysate with anti-CD47 antibody at 1/1000 dilution.



Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)