

Product datasheet for **TA371289**

CD47 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human metastatic poorly differentiated adenocarcinoma of the ovary tissue, Human ovarian cancer tissue lysate, Human ovarian cancer (granulosa cell tumor) tissue lysates IHC: 50-200 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human CD47
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	35 kDa
Gene Name:	CD47 molecule
Database Link:	Entrez Gene 961 Human Q08722



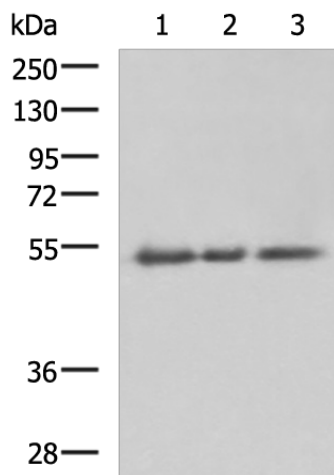
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Background:

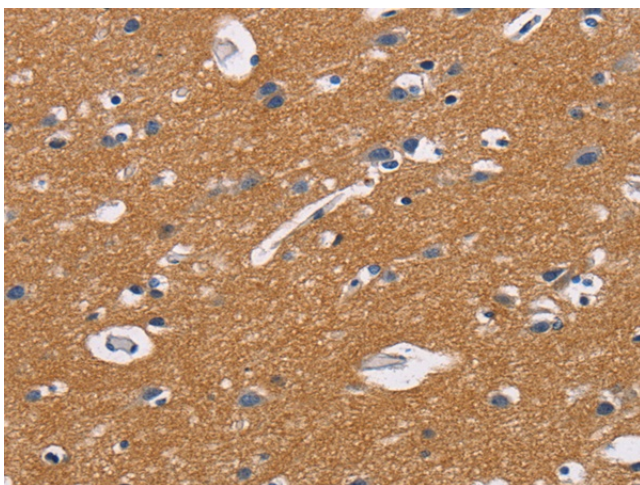
This gene encodes a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded protein is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport 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.

Synonyms:

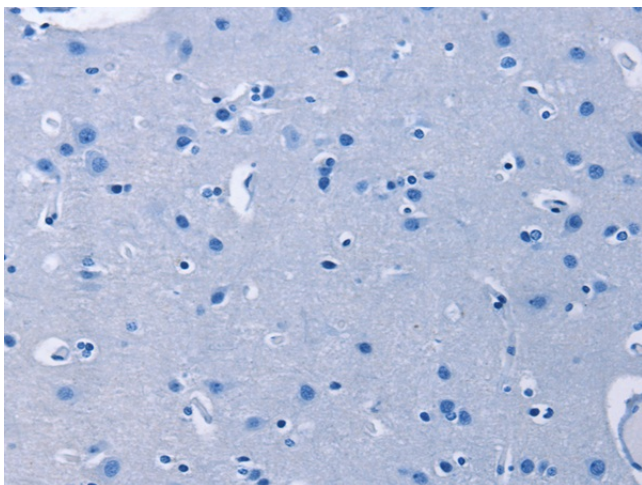
IAP; MER6; OA3

Product images:


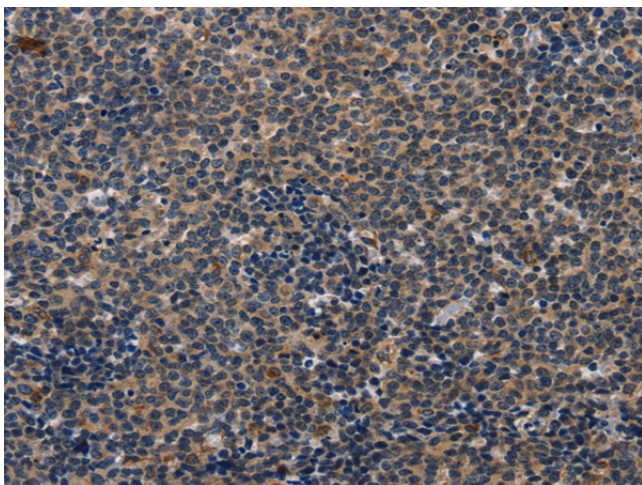
Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-3: Human metastatic poorly differentiated adenocarcinoma of the ovary tissue
 Human ovarian cancer tissue lysate
 Human ovarian cancer (granulosa cell tumor) tissue lysates
 Primary antibody: TA371289 (CD47 Antibody) at dilution 1/600
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
 Exposure time: 3 minutes



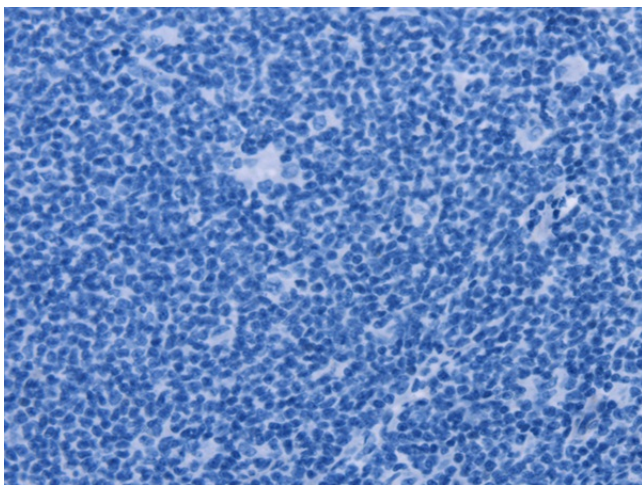
Immunohistochemistry of paraffin-embedded Human brain tissue using TA371289 (CD47 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA371289 (CD47 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lymphoma tissue using TA371289 (CD47 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lymphoma tissue using TA371289 (CD47 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)