

CD47 Rabbit Polyclonal Antibody



CAB1838

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

50KDa

Calculated MW:

31kDa/33kDa/35kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

961

Uniprot

Q08722

Synonyms:

CD47; IAP; MER6; OA3

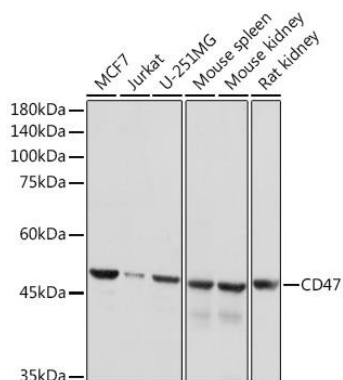
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 20-140 of human CD47 (NP_942088.1).

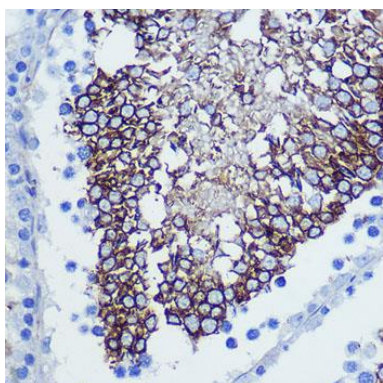
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

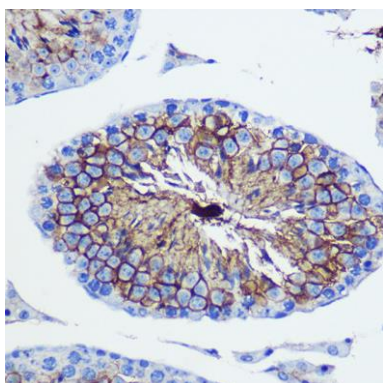
Product Images



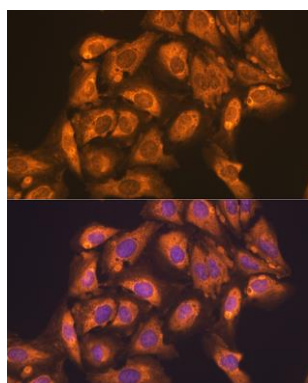
Western blot analysis of extracts of various cell lines, using CD47 Rabbit pAb (CAB1838) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 3s.



Immunohistochemistry of paraffin-embedded rat testis using CD47 Rabbit pAb (CAB1838) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using CD47 Rabbit pAb (CAB1838) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U-2 OS cells using CD47 Rabbit pAb (CAB1838) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.