

CD47 Rabbit Polyclonal Antibody



CAB7278

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

45-50kDa

Calculated MW:

31kDa/33kDa/35kDa

Applications:

WB, IHC, IF

Reactivity:

Human, Mouse, Rat

Category:

Polyclonal Antibodies

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

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

Immunogen:

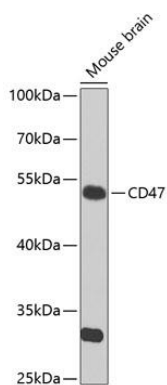
Recombinant fusion protein containing a sequence corresponding to amino acids 20-140 of human CD47 (NP_942088.1).

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 mouse brain, using CD47 Antibody (CAB7278) at 1:1000 dilution.

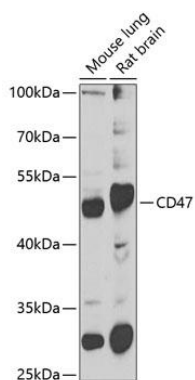
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% non-fat dry milk in TBST.

Detection: ECL Basic Kit (AbGn00020).

Exposure time: 90s.



Western blot analysis of extracts of various cell lines, using CD47 Antibody (CAB7278) at 1:1000 dilution.

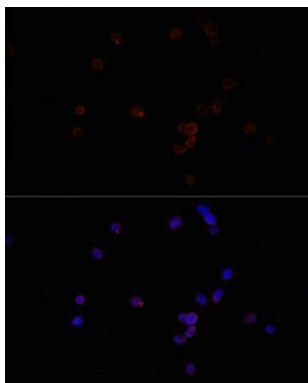
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% non-fat dry milk in TBST.

Detection: ECL Enhanced Kit.

Exposure time: 90s.



Immunofluorescence analysis of Jurkat cells using CD47 antibody (CAB7278) at dilution of 1:100. Blue: DAPI for nuclear staining.