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CD47 Rabbit pAb

Catalog No.: A23052

Basic Information

Observed MW
45-60kDa

Calculated MW
33kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Mouse, Rat

Background

Predicted to enable protein binding activity involved in heterotypic cell-cell adhesion and thrombospondin receptor activity. Involved in regulation of nitric oxide biosynthetic process. Acts upstream of or within several processes, including monocyte aggregation; opsonization; and positive regulation of phagocytosis. Located in extracellular exosome. Is integral component of plasma membrane. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; hemolymphoid system gland; and liver and biliary system. Orthologous to human CD47 (CD47 molecule).

Recommended Dilutions

WB	1:500 - 1:1000

Immunogen Information

Gene ID
16423

Swiss Prot
Q61735

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 19-135 of mouse CD47. (NP_034711.1).

Synonyms
IAP; Itgp; 9130415E20Rik; B430305P08Rik; CD47

Contact

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Product Information

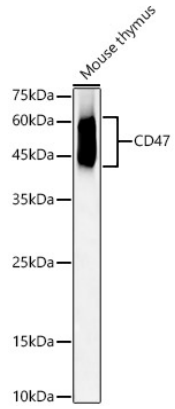
Source
Rabbit

Isotype
IgG

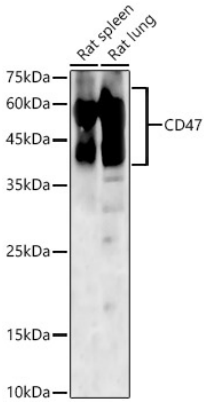
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from Mouse thymus, using CD47 Rabbit pAb (A23052) at 1:900 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Western blot analysis of various lysates, using CD47 Rabbit pAb (A23052) at 1:900 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 60s.