

Recombinant CD47 Monoclonal Antibody

catalog number: **AN300576P**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

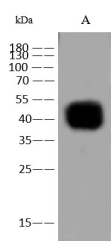
Description

Reactivity	Mouse
Immunogen	Recombinant Mouse CD47 Protein
Host	Rabbit
Isotype	IgG
Clone	B511
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications Recommended Dilution

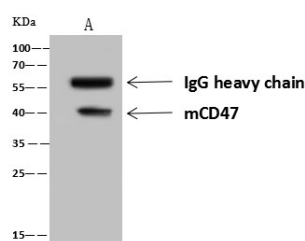
WB	1:500-1:2000
IP	1-5 µL/mg of lysate

Data



Western Blot with CD47 rabbit polyclonal antibody at dilution of 1:500 dilution. Lane A: Mouse brain tissue lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:40 kDa
Calculated-MW:40 kDa



Immunoprecipitation analysis using 4 µL anti-mCD47 Monoclonal Antibody and 60 µg of Immunomagnetic beads Protein A/G. Western blot was performed from the immunoprecipitate using mCD47 Monoclonal Antibody at a dilution of 1:100. Lane A:0.5 mg Mouse brain Whole Cell Lysate

Observed-MW:40 kDa
Calculated-MW:40 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

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).

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