

# Rabbit anti-Mouse CD47 mAb(CAP)

**Catalog No.:** RMK0274

## Basic Information

**Catalog No.**  
RMK0274

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05%ProClin 300.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.1%Braveds MB-1,PH 7.8.

## Contact

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## Background

Eukocyte differentiation antigen 47, a member of the immunoglobulin superfamily, consists of an extracellular variable region with an amino terminal, a transmembrane region consisting of 3 to 5 highly hydrophobic transmembrane segments, and a hydrophilic carboxy-terminal cytoplasmic tail region. Its structure includes an extracellular variable region with an amino terminal, a transmembrane region consisting of 3 to 5 highly hydrophobic transmembrane segments, and a hydrophilic carboxy-terminal cytoplasmic tail region. CD47 is widely expressed on the surface of various tissue cells, especially on the surface of tumor cells. CD47 antibody has good antitumor activity. CD47 is highly expressed in almost all tumor cells and is involved in signal transduction, cardiovascular homeostasis, inflammation, apoptosis, angiogenesis, cell self-renewal, and immune regulation.

## Immunogen Information

**Immunogen**  
Recombinant Mouse CD47

## Cross-Reactivity

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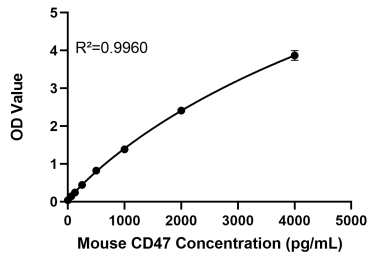
## Assay Applications

Mouse CD47 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.5-2ug/mL	Rabbit anti-Mouse CD47 mAb(CAP)(Cat. No.RMK0274)
ELISA Detection	0.03-0.134ug/mL	Rabbit anti-Mouse CD47 mAb(DET)(Cat. No.RMK0275)
Standard		Recombinant Mouse CD47 Protein RP00762

## Validation Data

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standard curve is only for demonstration purposes. A standard curve should be generated for each assay.