

## CD47 antibody

### Product Information

Catalog No.:	FNab01486
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Has a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in the modulation of integrins. Plays an important role in memory formation and synaptic plasticity in the hippocampus(By similarity). Receptor for SIRPA, binding to which prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells. Interaction with SIRPG mediates cell-cell adhesion, enhances superantigen-dependent T-cell-mediated proliferation and costimulates T-cell activation. May play a role in membrane transport and/or integrin dependent signal transduction. May prevent premature elimination of red blood cells. May be involved in membrane permeability changes induced following virus infection.

### Immunogen information

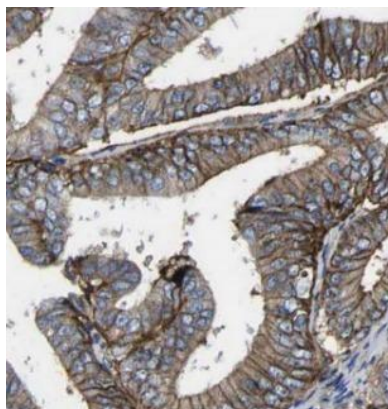
Immunogen:	CD47 molecule
Synonyms:	Leukocyte surface antigen CD47 Antigenic surface determinant protein OA3 Integrin-associated protein (IAP) Protein MER6 CD47 MER6
Observed MW:	47-55 kDa
Uniprot ID :	Q08722

### Application

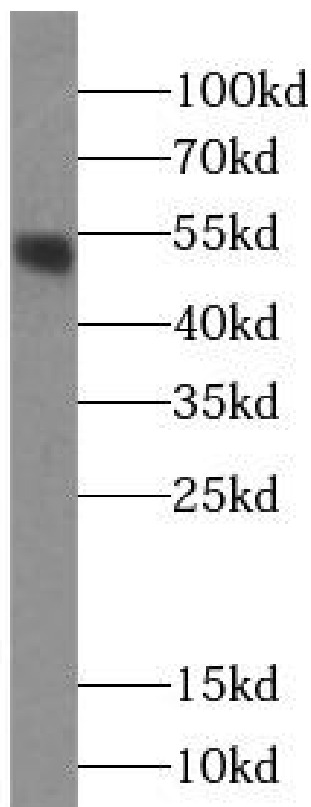
Reactivity:	Human
Tested Application:	ELISA, WB,IHC

Recommended dilution: WB: 1:500-1:1000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using FNab01486(CD47 Antibody) at dilution of 1:200



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab01486(CD47 antibody) at dilution of 1:500