

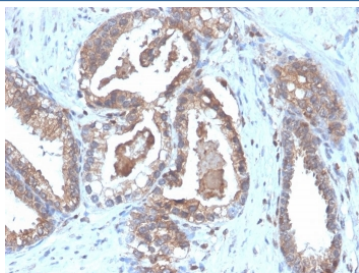
## Recombinant CD47 Antibody / IAP / Integrin Associated Protein [clone CD47/6364R] (V9272)

Catalog No.	Formulation	Size
V9272-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9272-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9272SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

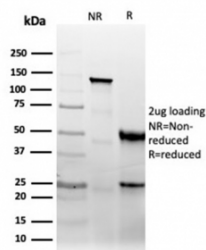
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	CD47/6364R
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	Q08722
<b>Localization</b>	Cell surface, cytoplasmic
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml
<b>Limitations</b>	This recombinant CD47 antibody is available for research use only.



IHC staining of FFPE human prostate carcinoma tissue with recombinant CD47 antibody (clone CD47/6364R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant CD47 antibody (clone CD47/6364R) as confirmation of integrity and purity.

## Description

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. [UniProt]

## Application Notes

Optimal dilution of the recombinant CD47 antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 18-135 from the human protein was used as the immunogen for the recombinant CD47 antibody.

## Storage

Aliquot the recombinant CD47 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.