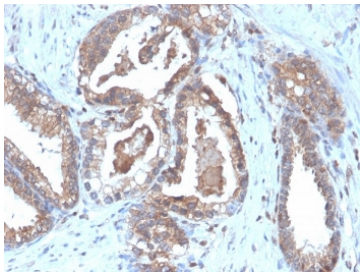
Recombinant CD47 Antibody / IAP / Integrin Associated Protein [clone CD47/6364R] (V9272)

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

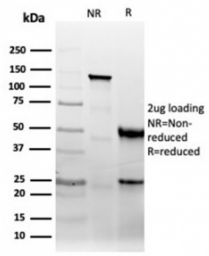
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	CD47/6364R
Purity	Protein A/G affinity
UniProt	Q08722
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	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.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com