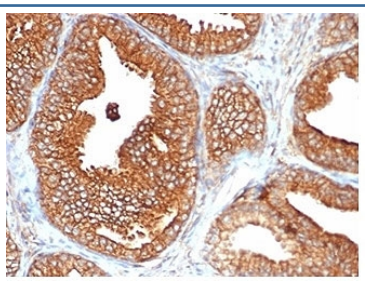
Recombinant CD47 Antibody CD47/6362R / Rabbit Monoclonal [clone CD47/6362R] (V9270)

Catalog No.	Formulation	Size
V9270-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9270-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9270SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

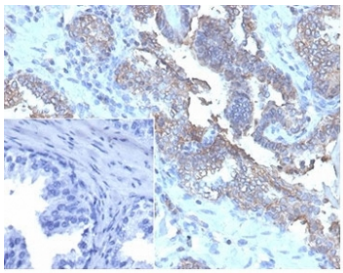
Recombinant RABBIT MONOCLONAL

Bulk quote request

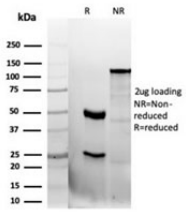
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CD47/6362R
Purity	Protein A/G affinity
UniProt	Q08722
Localization	Cell surface, cytoplasmic
Applications	ELISA (order BSA-free format for coating) Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Recombinant CD47 Antibody CD47/6362R is available for research use only.



Recombinant CD47 Antibody CD47/6362R Immunohistochemistry. IHC staining of FFPE human prostate carcinoma tissue with recombinant CD47 antibody (clone CD47/6362R). Negative control inset: PBS used instead of primary antibody to control for secondary Ab binding. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human prostate carcinoma tissue with recombinant CD47 antibody (clone CD47/6362R). 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 CD47/6362R) as confirmation of integrity and purity.

Description

Recombinant CD47 Antibody CD47/6362R reacts with Ig domain of CD47 protein. CD47, originally named integrin-associated protein (IAP), is a 50kDa protein containing five membrane-spanning sequences and a short cytoplasmic tail. CD47 plays a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in the modulation of integrins. It is important in memory formation and synaptic plasticity in the hippocampus. CD47 may play a role in membrane transport and/or integrin dependent signal transduction.

For a Protein Microarray Validated antibody targeting the same protein, see our CD47 Antibody CD47/2937 / IAP Monoclonal Antibody.

Application Notes

Optimal dilution of the Recombinant CD47 Antibody CD47/6362R 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 CD47/6362R.

Storage

Aliquot the Recombinant CD47 Antibody CD47/6362R 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
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