

Product Datasheet

CD47 Antibody (CD47/6362R)

NBP3-07224-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-07224-100ug

CD47 Antibody (CD47/6362R)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	CD47/6362R
Preservative	0.05% Sodium Azide
Isotype	IgG Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	50 kDa

Product Description	
Description	<p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08218)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.</p>
Host	Rabbit
Gene ID	961
Gene Symbol	CD47
Species	Human
Specificity/Sensitivity	<p>This antibody 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.</p>
Immunogen	A recombinant fragment (around aa 18-135) of human CD47 protein (exact sequence is proprietary) (Uniprot: Q08722)

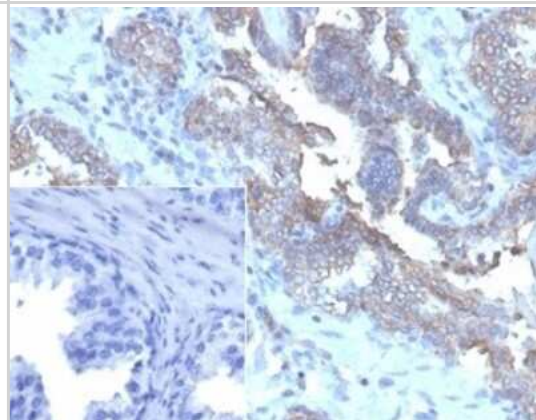
Product Application Details	
Applications	ELISA, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	<p>ELISA: For coating, order antibody without BSA).</p> <p>Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.</p>

Images

Immunohistochemistry-Paraffin: CD47 Antibody (CD47/6362R) [NBP3-07224] - Formalin-fixed, paraffin-embedded human prostate carcinoma stained with CD47 Recombinant Rabbit Monoclonal Antibody (CD47/6362R).



Immunohistochemistry-Paraffin: CD47 Antibody (CD47/6362R) [NBP3-07224] - Formalin-fixed, paraffin-embedded human prostate carcinoma stained with CD47 Recombinant Rabbit Monoclonal Antibody (CD47/6362R). Inset: PBS used instead of primary as secondary antibody negative control





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Products Related to NBP3-07224-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-52320-0.05mg	Recombinant Human CD47 hIgG-His Protein
210-TA-005	TNF-alpha [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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