

Product Datasheet

CD47 Antibody (IAP/964 + B6H12.2) - Azide and BSA Free NBP2-47812-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-47812-0.1mg

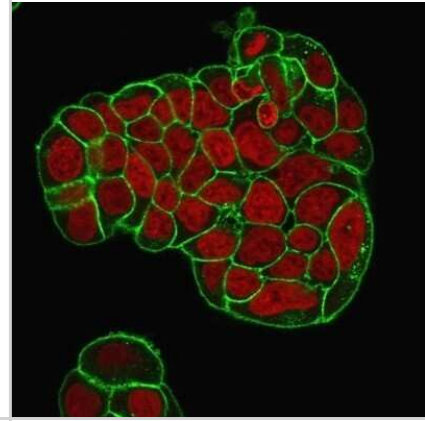
CD47 Antibody (IAP/964 + B6H12.2) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	IAP/964 + B6H12.2
Preservative	No Preservative
Isotype	IgG1 Kappa/IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	50 kDa
Product Description	
Description	<p>1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44409).</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p>
Host	Mouse
Gene ID	961
Gene Symbol	CD47
Species	Human, Mouse
Specificity/Sensitivity	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.
Immunogen	Recombinant human CD47 protein (CD47/964); Intact CD47 Purified from placenta (B6H12.2) (Uniprot: Q08722)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready, Immunofluorescence, Immunohistochemistry-Paraffin (Negative)
Recommended Dilutions	Western Blot 1-2ug/ml, Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Flow (Cell Surface) 1-2ug/million cells in 0.1 ml, Immunohistochemistry-Paraffin (Negative), Immunofluorescence 1 - 2 ug/ml, CyTOF-ready
Application Notes	Optimal dilution for a specific application should be determined. validated for IHC-Fr from a verified customer review.

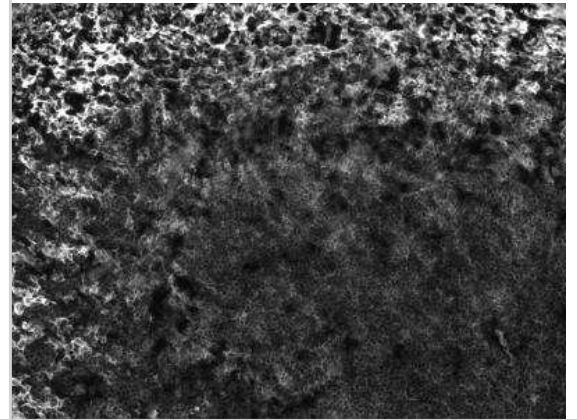


Images

Immunocytochemistry/Immunofluorescence: CD47 Antibody (IAP/964 + B6H12.2) - Azide and BSA Free [NBP2-47812] - Immunofluorescence Analysis of PFA-fixed MCF-7 cells. CD47 Antibody (IAP/964 + B6H12.2) followed by goat anti-Mouse IgG-CF488 (Green). Nuclei are stained with Red Dot.



Immunohistochemistry-Frozen: CD47 Antibody (IAP/964 + B6H12.2) - Azide and BSA Free [NBP2-47812] - Human frozen tonsil tissue. Antibody at 1:100. IHC-Fr image submitted from a verified customer review





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Products Related to NBP2-47812-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
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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