

Product Datasheet

CD47 Antibody (IAP/964 + B6H12.2) [Janelia Fluor® 525] NBP2-47812JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47812JF525

CD47 Antibody (IAP/964 + B6H12.2) [Janelia Fluor® 525]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	IAP/964 + B6H12.2
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa/IgG1 Kappa
Conjugate	Janelia Fluor 525
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
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)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
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, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Flow (Cell Surface), Immunohistochemistry-Paraffin (Negative), Immunofluorescence, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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