

Product Datasheet

Kinesin 5B Antibody (KN-02) [Janelia Fluor® 646] NB500-530JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB500-530JF646

Kinesin 5B Antibody (KN-02) [Janelia Fluor® 646]

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	KN-02
Preservative	0.05% Sodium Azide
Isotype	IgM
Conjugate	Janelia Fluor 646
Purity	Ammonium sulfate precipitation
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	3799
Gene Symbol	KIF5B
Species	Human, Mouse, Rat, Porcine
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	The antibody Kinesin 5B recognizes heavy chain of conventional kinesin associated with vesicles and with lower affinity with denaturated molecule. Epitope is located in coiled-coil stalk domain. It stains Western blots of kinesin-enriched preparations. Epitope mapping (by limited proteolysis of partially purified porcine kinesin) followed by immunoblotting has revealed that antibodies KN-01, KN-02 and KN-03 react with different sets of fragments. The antibody KN-02 does not react with kinesin bound to taxol-stabilized microtubules.
Immunogen	Enriched fraction of porcine brain kinesin.
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence
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.

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