

# Product Datasheet

## Kinesin 5B Antibody (KN-02) [Alexa Fluor® 532] NB500-530AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-530AF532**

Kinesin 5B Antibody (KN-02) [Alexa Fluor® 532]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	KN-02
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgM
<b>Conjugate</b>	Alexa Fluor 532
<b>Purity</b>	Ammonium sulfate precipitation
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3799
<b>Gene Symbol</b>	KIF5B
<b>Species</b>	Human, Mouse, Rat, Porcine
<b>Reactivity Notes</b>	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.
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Enriched fraction of porcine brain kinesin.

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<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/Immunofluorescence
<b>Recommended Dilutions</b>	Immunocytochemistry/Immunofluorescence
<b>Application Notes</b>	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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