

Product Datasheet

beta I + II Tubulin Antibody (JDR.3B8) **NB120-11313**

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB120-11313

beta I + II Tubulin Antibody (JDR.3B8)

Product Information

Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JDR.3B8
Preservative	0.9% Sodium Azide
Isotype	IgG2b
Purity	Unpurified
Buffer	Raw ascites

Product Description

Host	Mouse
Gene ID	81027
Gene Symbol	TUBB1
Species	Human, Mouse, Rat, Porcine, Bovine
Reactivity Notes	Cross-reacts with Human, Mouse, Rat, Cow, Chicken and Pig. Not yet tested in other species. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	Using the immunoblotting technique, the localizes the tubulin band in a rat brain extract, bovine brain MAPs extract, chicken brain preparation, and chicken fibroblasts cell line. The antibody specifically recognizes an epitope located on isotypes I and II of β -tubulin. No cross-reactivity with other tubulin isotypes is observed.
Immunogen	A chemically synthesized peptide corresponding to the carboxyl-terminal sequence of human beta-tubulin isotype II coupled to BSA.

Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000
Application Notes	IF: Use at an assay dependent dilution. The antibody localizes the beta-tubulin isotypes I and II in human and chicken fibroblasts. WB: Use at a dilution of 1/1000. The antibody localizes the tubulin band in a rat brain extract, bovine brain MAPs extract, chicken brain preparation, and chicken fibroblasts cell line. Predicted molecular weight: 55 kDa. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.





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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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