

Product Datasheet

beta Tubulin Antibody (4E4) - BSA Free NBP2-50047

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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NBP2-50047

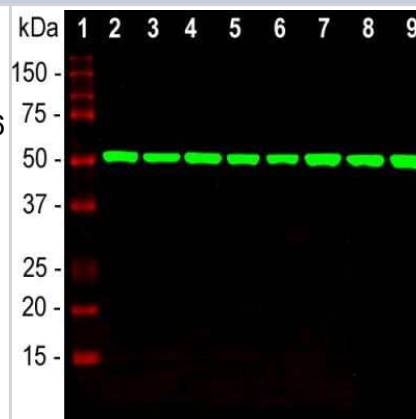
beta Tubulin Antibody (4E4) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E4
Preservative	0.035% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	50 kDa
Product Description	
Host	Mouse
Gene ID	203068
Gene Symbol	TUBB
Species	Human, Mouse, Rat, Monkey
Immunogen	Pig brain beta Tubulin. [UniProt# Q767L7]
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:5000 - 1:10000, Immunohistochemistry 1:1000-1:5000, Immunocytochemistry/ Immunofluorescence 1:1000 - 1:5000

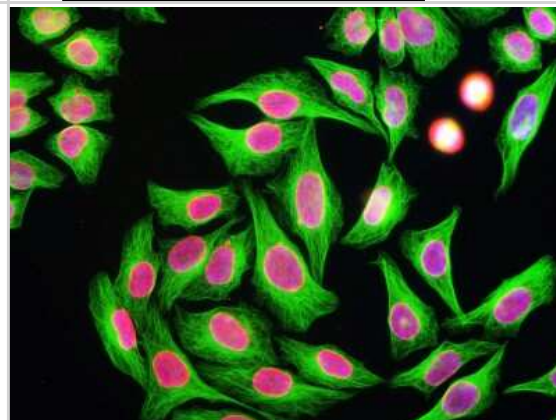


Images

Western Blot: beta Tubulin Antibody (4E4) [NBP2-50047] - Analysis of equal amounts of cell line and whole brain lysates using mouse mAb to Beta-tubulin NBP2-50047, dilution 1:5,000 in green: [1] protein standard (red), [2] HEK293, [3] HeLa, [4] SH-SY5Y, [5] COS-1, [6] NIH-3T3, [7] C6 cells, [8] rat brain, and [9] mouse brain. Strong band at 50 kDa corresponds to the Beta-tubulin proteins.



Immunocytochemistry/Immunofluorescence: beta Tubulin Antibody (4E4) [NBP2-50047] - HeLa cells stained with NBP2-50047 (green) and chicken antibody to Lamin A+C (NBP2-25152, red) and DNA in blue. NBP2-50047 reveals strong microtubular staining in the cytoplasm of HeLa cells, while the Lamin A+C localizes in the nuclear membrane.



Publications

Hoeffner N, Paul A, Goo YH Drug screen identifies verteporfin as a regulator of lipid metabolism in macrophage foam cells *Scientific reports* 2023-11-09 [PMID: 37949969] (WB, Mouse)

Allen AG, Khan SQ, Margulies CM et al. A highly efficient transgene knock-in technology in clinically relevant cell types *Nature biotechnology* 2023-05-01 [PMID: 37127662]



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Products Related to NBP2-50047

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NB100-56459PEP	beta Tubulin Antibody Blocking Peptide

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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