

Product Datasheet

Tubulin alpha-1B Antibody (4D1) - Azide and BSA Free H00010376-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

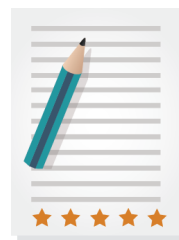
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H00010376-M01

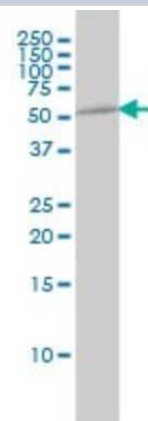
Tubulin alpha-1B Antibody (4D1) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4D1
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	10376
Gene Symbol	TUBA1B
Species	Human
Marker	Microtubule Marker
Specificity/Sensitivity	K-ALPHA-1 - tubulin, alpha, ubiquitous
Immunogen	TUBA1B (AAH08659, 1 a.a. ~ 451 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MRECISIHVGQAGVQIGNACWELYCLKHGIQPDGQMPSDKTIGGGDDSFNTFF SETGAGKHVPRAVFVDLEPTVIDEVRTGTYRQLFHPEQLITGKEDAANNYARG HYTIGKEIIDLVLDRIKRLADQCTGLQGFLVFHSGGGTGSFGFTSLLMERLSVDY GKKSKLEFSIYPAPQVSTAVVEPYNSILTTHTTLEHSDCAFMVDNEAIYDICRRN LDIERPTYTNLNLRLISQIVSSITASLRFDGALNVDLTFQTNLVPYPRIHFPLATYA PVISAEKAYHEQLSVAEITNACFEPANQMVKCDPRHGKYMCCLLYRGDVVPK DVNAAIATIKTKRSIQFVDWCPTGFKVGINYQPPTVVPGGDLAKVQRAVCMLSN TTAIAEAWARLDHKFDLMYAKRAVHWYVGEEMEEGEFSEAREDMAALEKDY EEVGVDVSVEGEGEEEGEEY
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.

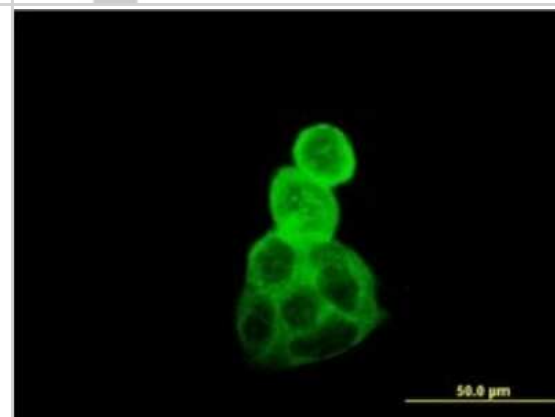


Images

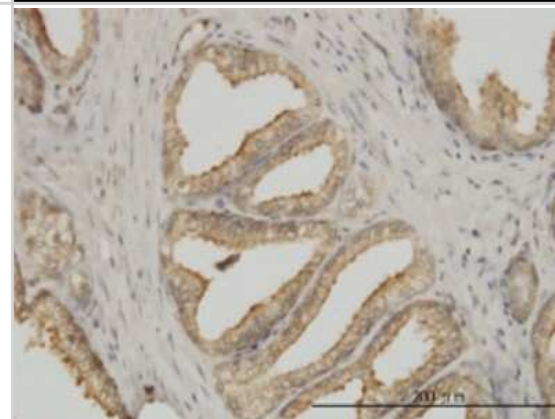
Western Blot: Tubulin alpha-1B Antibody (4D1) [H00010376-M01] - TUBA1B monoclonal antibody (M01), clone 4D1 Analysis of TUBA1B expression in A-431.



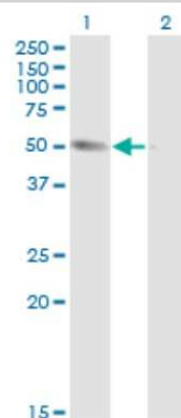
Immunocytochemistry/Immunofluorescence: Tubulin alpha-1B Antibody (4D1) [H00010376-M01] - Analysis of monoclonal antibody to TUBA1B on A-431 cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: Tubulin alpha-1B Antibody (4D1) [H00010376-M01] - Analysis of monoclonal antibody to TUBA1B on formalin-fixed paraffin-embedded human prostate. Antibody concentration 3 ug/ml.



Western Blot: Tubulin alpha-1B Antibody (4D1) [H00010376-M01] - Analysis of TUBA1B expression in transfected 293T cell line by TUBA1B monoclonal antibody (M01), clone 4D1. Lane 1: TUBA1B transfected lysate (50.2 KDa). Lane 2: Non-transfected lysate.



Publications

Goers TA, Ramachran S, Aloush A et al. De novo production of K- α 1 tubulin-specific antibodies: role in chronic lung allograft rejection. J Immunol;180(7):4487-94. 2008-04-01 [PMID: 18354170]

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Products Related to H00010376-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00010376-P01-10ug	Recombinant Human Tubulin alpha-1B GST (N-Term) Protein

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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