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## Datasheet for ABIN1945559 anti-TUBA1B antibody (C-Term)

2 Images



### Overview

Quantity:	50 µg
Target:	TUBA1B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Chicken, Cow
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TUBA1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Immunogen:	Anti-Tubulin Loading Control Antibody was produced by repeated immunizations with a synthetic peptide corresponding to residues near the C terminal end of human alpha tubulin protein.
	Type of Immunogen: Synthetic peptide
Clone:	17H11-F10
lsotype:	lgG
Specificity:	Anti-Tubulin Loading Control Antibody was purified Protein A chromatography. This Loading Control antibody is directed against alpha tubulin. A BLAST analysis was used to suggest

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## Product Details

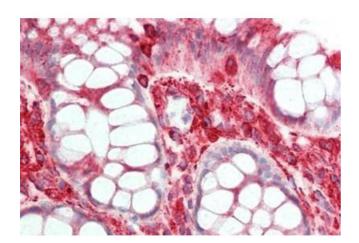
	antibody reactivity with alpha tubulin from a wide range of organisms, including avian,
	mammalian aquatic, parasitic and alga sources based on 100 % homology for the immunogen
	sequence. Cross reactivity will occur with all isoforms of alpha tubulin. Such broad reactivity
	makes this antibody useful as an excellent loading control.
Purification:	Protein A purified
Sterility:	Sterile filtered
Target Details	
Target:	TUBA1B
Alternative Name:	TUBA1B (TUBA1B Products)
Background:	Name/Gene ID: TUBA1B
	Synonyms: TUBA1B, Alpha-tubulin ubiquitous, Alpha tubulin, K-ALPHA-1, Tubulin, alpha 1b,
	Tubulin alpha-ubiquitous chain, Tubulin, alpha, ubiquitous, Tubulin K-alpha-1, Tubulin alpha
	chain, Tubulin alpha-1B chain
Gene ID:	10376
Pathways:	Microtubule Dynamics, M Phase
Application Details	
Application Notes:	Approved: ELISA (1:300000), IF (0.1 µg/mL), IHC, IHC-P (5 µg/mL), WB (1:1000)
	Usage: Anti-Tubulin Antibody has been tested for use in ELISA, immunohistochemistry,
	immunofluorescence microscopy and western blot. Specific conditions for reactivity should be
	optimized by the end user. Expect a band at ${\sim}50$ kD in size corresponding to alpha tubulin by
	western blotting in most cell lysates or extracts.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific

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## Handling

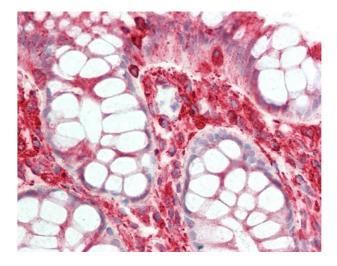
Buffer:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01 % sodium azide, sterile filtered
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles
Storage:	4 °C,-20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.

### Images



### Immunohistochemistry

Image 1. Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)



#### Immunohistochemistry

**Image 2.** Anti-TUBA1B antibody IHC staining of human colon. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

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