

TUBA1B Antibody (C-Terminus, clone 17H11.F10)
Mouse Monoclonal Antibody
Catalog # ALS16155**Specification**

TUBA1B Antibody (C-Terminus, clone 17H11.F10) - Product Information

Application	IHC, IF
Primary Accession	P68363
Reactivity	Human, Mouse, Rat, Chicken, Bovine
Host	Mouse
Clonality	Monoclonal
Calculated MW	50kDa KDa

TUBA1B Antibody (C-Terminus, clone 17H11.F10) - Additional Information**Gene ID** 10376**Other Names**

Tubulin alpha-1B chain, Alpha-tubulin ubiquitous, Tubulin K-alpha-1, Tubulin alpha-ubiquitous chain, TUBA1B

Target/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 antibody reactivity with alpha tubulin from a wide range of organisms, ...

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

TUBA1B Antibody (C-Terminus, clone 17H11.F10) is for research use only and not for use in diagnostic or therapeutic procedures.

TUBA1B Antibody (C-Terminus, clone 17H11.F10) - Protein Information**Name** TUBA1B**Function**

Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers (PubMed:34996871). Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms (PubMed:34996871). Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha- tubulin (PubMed:34996871).

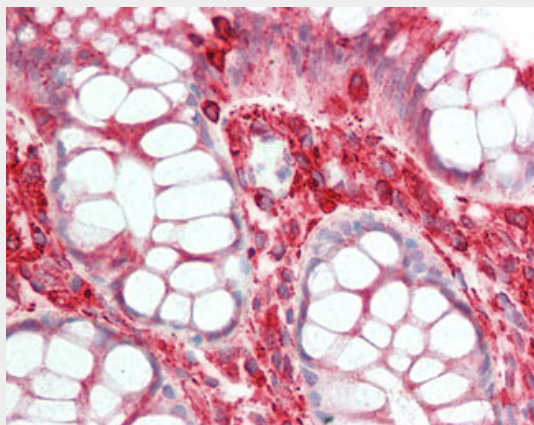
Cellular Location

Cytoplasm, cytoskeleton

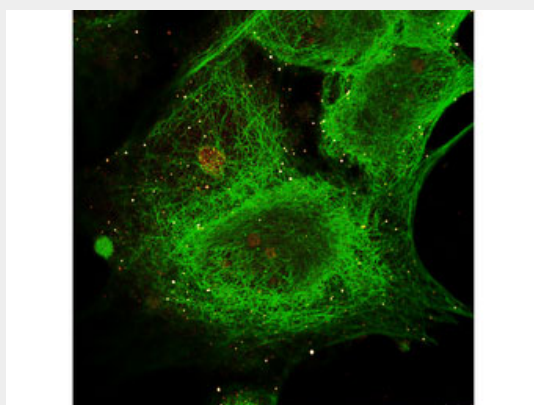
TUBA1B Antibody (C-Terminus, clone 17H11.F10) - Protocols

Provided below are standard protocols that you may find useful for product applications.

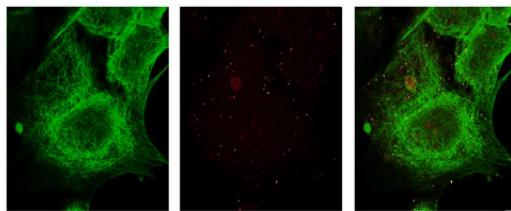
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TUBA1B Antibody (C-Terminus, clone 17H11.F10) - Images

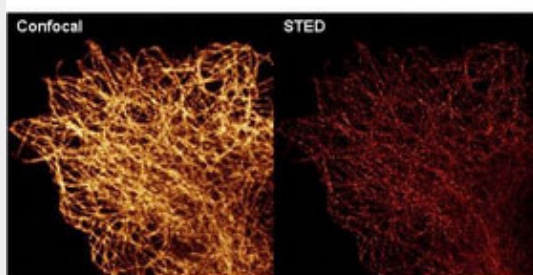
Anti-TUBA1B antibody IHC staining of human colon.



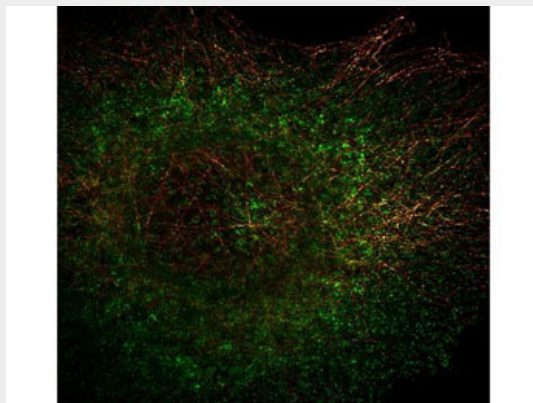
Anti-alpha-Tubulin (MOUSE) Monoclonal Antibody - Immunofluorescence.



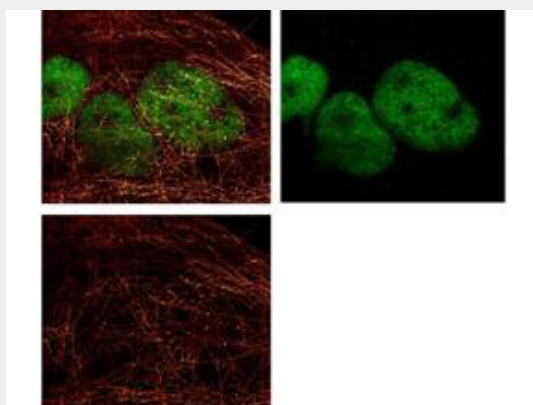
Anti-alpha-Tubulin (MOUSE) Monoclonal Antibody - Immunofluorescence.



Anti-alpha-Tubulin Monoclonal Antibody - Immunofluorescence Microscopy.



Anti-tubulin Monoclonal antibody- Immunofluorescence.



Immunofluorescence Microscopy - alpha-Tubulin Monoclonal Antibody -.

TUBA1B Antibody (C-Terminus, clone 17H11.F10) - Background

Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain.

TUBA1B Antibody (C-Terminus, clone 17H11.F10) - References

Cowan N.J.,et al.Mol. Cell. Biol. 3:1738-1745(1983).
de Hostos E.L.,et al.Submitted (JUL-1998) to the EMBL/GenBank/DDBJ databases.
Li Q.,et al.Submitted (FEB-2006) to the EMBL/GenBank/DDBJ databases.
Lubec G.,et al.Submitted (DEC-2008) to UniProtKB.
Bienvenut W.V.,et al.Submitted (MAR-2009) to UniProtKB.