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TUBB / Beta Tubulin Antibody
Mouse Monoclonal Antibody
Catalog # ALS12825

Specification

TUBB / Beta Tubulin Antibody - Product Information

Application	**IHC**
Primary Accession	P07437
Reactivity	**Human, Mouse, Rat, Rabbit, Chicken, Bovine**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**50kDa KDa**

TUBB / Beta Tubulin Antibody - Additional Information

Gene ID 203068

Other Names
Tubulin beta chain, Tubulin beta-5 chain, TUBB, TUBB5

Target/Specificity
Recognizes human Tubulin, beta. Species cross-reactivity: Bovine, rabbit, mouse, chicken, rat, frog, moth and wheat.

Reconstitution & Storage
Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

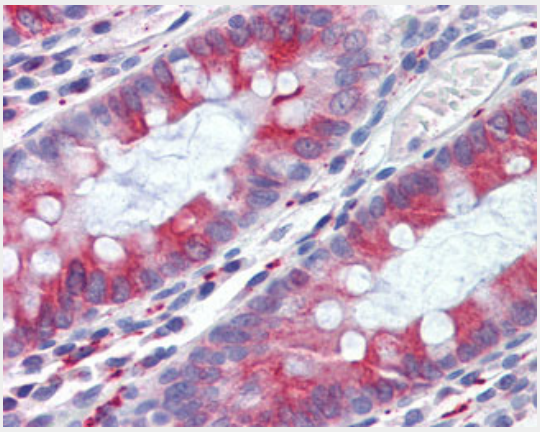
Precautions
TUBB / Beta Tubulin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TUBB / Beta Tubulin Antibody - Protein Information

Name TUBB

Synonyms TUBB5

Function
Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta



Anti-TUBB / Tubulin, Beta antibody IHC of human colon.

TUBB / Beta Tubulin Antibody - 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.

TUBB / Beta Tubulin Antibody - References

Lee M.G.-S.,et al.Cell 33:477-487(1983).
Hall J.L.,et al.Mol. Cell. Biol. 3:854-862(1983).
Crabtree D.V.,et al.Bioorg. Med. Chem. 9:1967-1976(2001).
Yu W.,et al.Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.
Shiina S.,et al.Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.

chain and one at a non-exchangeable site on the alpha chain.

Cellular Location
Cytoplasm, cytoskeleton

Tissue Location
Ubiquitously expressed with highest levels in spleen, thymus and immature brain.

Volume
50 µl

TUBB / Beta Tubulin Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture