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TUBB2C Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP5126c

Specification

TUBB2C Antibody (Center) Blocking Peptide - Product Information

Primary Accession P68371

TUBB2C Antibody (Center) Blocking Peptide - Additional Information

Gene ID 10383

Other Names
Tubulin beta-4B chain, Tubulin beta-2 chain, Tubulin beta-2C chain, TUBB4B, TUBB2C

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TUBB2C Antibody (Center) Blocking Peptide - Protein Information

Name TUBB4B

Synonyms TUBB2C

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

Cellular Location
Cytoplasm, cytoskeleton.

Tissue Location
Ubiquitous..

TUBB2C Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

TUBB2C Antibody (Center) Blocking Peptide - Images

TUBB2C Antibody (Center) Blocking Peptide - Background

TUBB2C 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.

TUBB2C Antibody (Center) Blocking Peptide - References

Xu, W., et al. Mol. Cancer Ther. 8(12):3318-3330(2009)Chan, C.M., et al. Arch. Pathol. Lab. Med. 132(4):675-683(2008)Olsen, J.V., et al. Cell 127(3):635-648(2006)