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TUBB6 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP11928c

Specification

TUBB6 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q9BUF5

TUBB6 Antibody (Center) Blocking peptide - Additional Information

Gene ID 84617

Other Names
Tubulin beta-6 chain, Tubulin beta class V, TUBB6

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.

TUBB6 Antibody (Center) Blocking peptide - Protein Information

Name TUBB6

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. Maximal expression in breast and lung, where it represents around 10% of all beta-tubulins. Largely decreased expression in most cancerous tissues.

TUBB6 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

TUBB6 Antibody (Center) Blocking peptide - Images

TUBB6 Antibody (Center) Blocking peptide - 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 (By similarity).

TUBB6 Antibody (Center) Blocking peptide - References

Leandro-Garcia, L.J., et al. Cytoskeleton (Hoboken) 67(4):214-223(2010)Matsuoka, S., et al. Science 316(5828):1160-1166(2007)