

beta II Tubulin Blocking Peptide
Synthetic peptide
Catalog # BP22106a**Specification**

beta II Tubulin Blocking Peptide - Product Information

Primary Accession [Q7TMM9](#)
Other Accession [P09203](#), [Q9NFZ7](#), [Q13885](#), [Q4R5B3](#), [P85108](#),
[Q6B856](#), [Q9BVA1](#), [Q9CWF2](#), [Q3KRE8](#), [P32882](#),
[P13602](#), [Q9NFZ5](#), [P30156](#), [P20802](#), [Q59837](#),
[P02554](#)

beta II Tubulin Blocking Peptide - Additional Information

Gene ID 22151

Other Names

Tubulin beta-2A chain, Tubb2a, Tubb2

Target/Specificity

The synthetic peptide sequence is selected from aa 34-46 of HUMAN Tubb2a

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.

beta II Tubulin Blocking Peptide - Protein Information

Name Tubb2a

Synonyms Tubb2

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.

beta II Tubulin Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

beta II Tubulin Blocking Peptide - Images

beta II Tubulin 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).

beta II Tubulin Blocking Peptide - References

Carninci P.,et al.Science 309:1559-1563(2005).
Lubec G.,et al.Submitted (JAN-2009) to UniProtKB.
Janke C.,et al.Science 308:1758-1762(2005).
Rogowski K.,et al.Cell 137:1076-1087(2009).
Yoshida K.,et al.Biochem. Biophys. Res. Commun. 389:506-511(2009).