

## beta Tubulin Blocking Peptide

Synthetic peptide

Catalog # BP22104a

### Specification

#### beta Tubulin Blocking Peptide - Product Information

Primary Accession [P99024](#)  
Other Accession [Q17299](#), [P12456](#),  
[P09203](#), [Q24560](#),  
[Q9YHC3](#), [Q27U48](#),  
[Q17449](#), [P36221](#),  
[Q6EVK8](#), [Q13885](#),  
[Q4R5B3](#), [Q7TMM9](#),  
[P85108](#), [Q6B856](#),  
[Q9BVA1](#), [Q9CWF2](#),  
[Q3KRE8](#), [P52275](#),  
[P32882](#), [P83130](#),  
[P61858](#), [P61857](#),  
[P13602](#), [Q2T9S0](#),  
[P09206](#), [Q13509](#),  
[Q60HC2](#), [Q9ERD7](#),  
[Q4ORB4](#), [Q3ZBU7](#),  
[P04350](#), [Q4R4X8](#)

#### beta Tubulin Blocking Peptide - Additional Information

Gene ID 22154

#### Other Names

Tubulin beta-5 chain, Tubb5

#### Target/Specificity

The synthetic peptide sequence is selected from aa 66-78 of HUMAN Tubb5

#### 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

#### beta 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.

#### beta Tubulin Blocking Peptide - References

Wang D.,et al.J. Cell Biol. 103:1903-1910(1986).  
Carninci P.,et al.Science 309:1559-1563(2005).  
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).  
Lubec G.,et al.Submitted (JUL-2007) to UniProtKB.  
Lewis S.A.,et al.J. Cell Biol. 101:852-861(1985).

procedures.

#### **beta Tubulin Blocking Peptide - Protein Information**

**Name** Tubb5

#### **Function**

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.

#### **Cellular Location**

Cytoplasm, cytoskeleton

#### **Tissue Location**

Ubiquitously expressed with highest levels in spleen, thymus and immature brain. Expressed in embryonic brain, including throughout the developing cortex and in the subventricular zone. Also found in radial glial cells, intermediate progenitors, migrating neurons and postmitotic neurons (PubMed:23246003). Expressed in skin and developing hair follicle (PubMed:26637975)

#### **beta Tubulin Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)