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# TUBB / Beta Tubulin Antibody (N-Terminus, clone 9F3, AF555)

**Rabbit Monoclonal Antibody**
**Catalog # ALS12161**

## Specification

### TUBB / Beta Tubulin Antibody (N-Terminus, clone 9F3, AF555) - Product Information

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

### TUBB / Beta Tubulin Antibody (N-Terminus, clone 9F3, AF555) - Additional Information

**Gene ID** 203068

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

**Target/Specificity**
Detects endogenous levels of total human beta-Tubulin protein.

**Reconstitution & Storage**
Store at 4° C. Do not freeze. Product should be stored undiluted, is photosensitive and should be protected from light.

**Precautions**
TUBB / Beta Tubulin Antibody (N-Terminus, clone 9F3, AF555) is for research use only and not for use in diagnostic or therapeutic procedures.

### TUBB / Beta Tubulin Antibody (N-Terminus, clone 9F3, AF555) - Protein Information

**Name** TUBB

**Synonyms** TUBB5

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

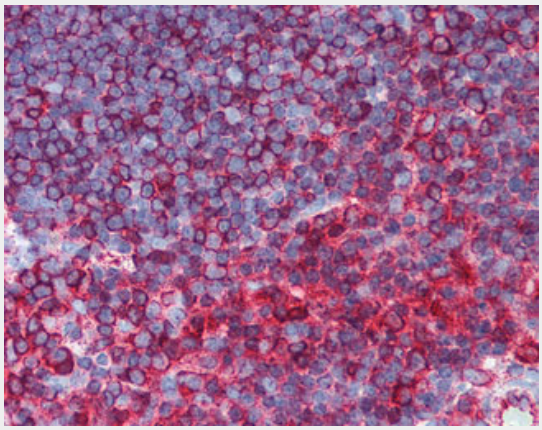
**Volume**
50 µl

## TUBB / Beta Tubulin Antibody (N-Terminus, clone 9F3, AF555) - 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

## TUBB / Beta Tubulin Antibody (N-Terminus, clone 9F3, AF555) - Images



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

## TUBB / Beta Tubulin Antibody (N-Terminus, clone 9F3, AF555) - 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 (N-Terminus, clone 9F3, AF555) - References

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Hall J.L.,et al.Mol. Cell. Biol. 3:854-862(1983).
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