

**Anti-Beta-tubulin Antibody-HRP labeled**  
Mouse monoclonal antibody to Beta-tubulin-HRP labeled  
Catalog # AP61572

## Specification

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### Anti-Beta-tubulin Antibody-HRP labeled - Product Information

Application	WB
Primary Accession	<a href="#">P07437</a>
Reactivity	Insect, Human, Mouse, Rat, Rabbit, Monkey, Chicken, SARS, Dog
Host	Mouse
Clonality	Monoclonal
Calculated MW	49671

### Anti-Beta-tubulin Antibody-HRP labeled - Additional Information

Gene ID 203068

#### Other Names

TUBB5; Tubulin beta chain; Tubulin beta-5 chain

#### Target/Specificity

Recognizes endogenous levels of Beta-tubulin protein.

#### Dilution

WB~~WB (1/20000 - 1/600000), IH (1/1000 - 1/2000)

#### Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

#### Storage

Store at -20 °C. Stable for 12 months from date of receipt

### Anti-Beta-tubulin Antibody-HRP labeled - 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

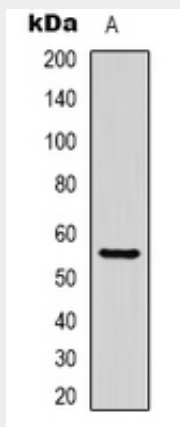
Ubiquitously expressed with highest levels in spleen, thymus and immature brain.

### Anti-Beta-tubulin Antibody-HRP labeled - Protocols

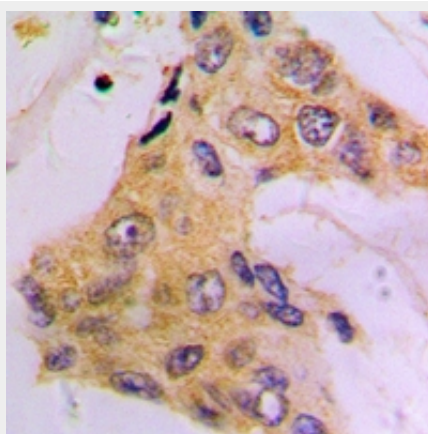
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-Beta-tubulin Antibody-HRP labeled - Images



Western blot analysis of Beta-tubulin-HRP labeled expression in HeLa (A) whole cell lysates.



Immunohistochemical analysis of Beta-tubulin-HRP labeled staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**Anti-Beta-tubulin Antibody-HRP labeled - Background**

Recombinant protein corresponding to human Beta-tubulin.