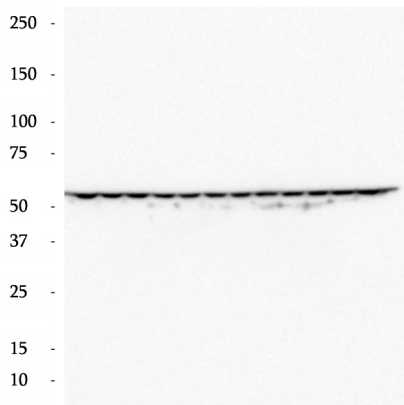


## Certificate of Analysis

|                |                                 |
|----------------|---------------------------------|
| Catalog Number | BP69323                         |
| Product Name   | HRP Anti-Alpha Tubulin antibody |

## Physical and Chemical Properties

|  |  |
|--|--|
| Molecular Weight                         | 52 kDa   |
| GenBank                                  | BC009314   |
| Uniprot                                  | P68363   |
| Concentration                            | 1000µg/ml  |
| Form                                     | Liquid   |
| Storage Instruction                      | 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol.<br>Store at -20°C. Do Not Aliquot. |
| Chemical Structure<br>OR<br>Tested Image |                          |

## Product Information

|                      |  |
|----------------------|--|
| Description          | Tubulin in molecular biology can refer either to the tubulin protein superfamily of globular proteins, or one of the member proteins of that superfamily. $\alpha$ - and $\beta$ -tubulins polymerize into microtubules, a major component of the eukaryotic cytoskeleton. Microtubules function in many essential cellular processes, including mitosis. Tubulin-binding drugs kill cancerous cells by inhibiting microtubule dynamics, which are required for DNA segregation and therefore cell division. |
| Tested Applications  | WB: 1:2000-1:10000   |
| Species Reactivity   | Human, Mouse, Rat  |
| Host Species/Isotype | Mouse/IgG2b  |

## Analytical Data

|                   |   |
|-------------------|---|
| Quality Assurance | The biological and chemical parameters such as concentration, purity, application and specificity of the tested antibody comply with the above-mentioned criteria of the product. |
|-------------------|---|

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