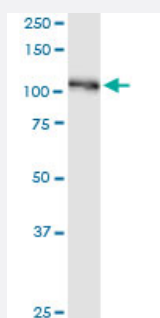


BUB1B monoclonal antibody (M01), clone 2G9

Catalog # H00000701-M01

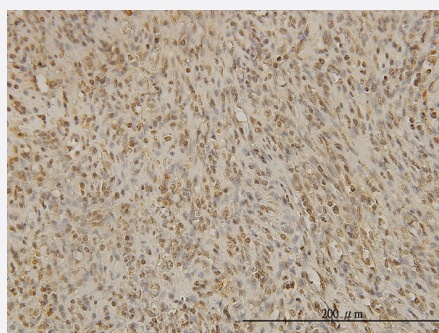
Size 100 ug

Applications



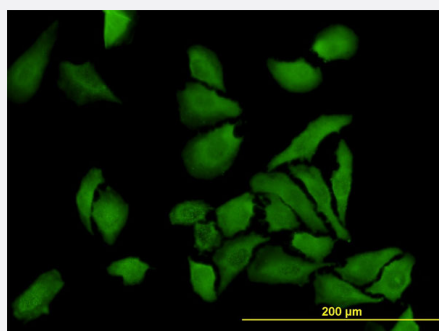
Western Blot (Tissue lysate)

BUB1B monoclonal antibody (M01), clone 2G9. Western Blot analysis of BUB1B expression in human spleen.



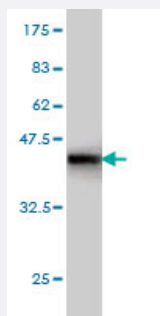
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to BUB1B on formalin-fixed paraffin-embedded human spleen. [antibody concentration 1 ug/ml]



Immunofluorescence

Immunofluorescence of monoclonal antibody to BUB1B on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (39.93 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant BUB1B.
Immunogen	BUB1B (AAH18739, 1 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAVKKEGGALSEAMSLEGDEWELSKENVQPLRQGRIMSTLQGALAQESACNNTLQQQKRAFE YEIRFYTGNDPLDVWDRIYSWTEQNYPQGGKESNMSTLLERAVEALQGEKRYSDPRFLNLWLKL GR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (39.93 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

BUB1B monoclonal antibody (M01), clone 2G9. Western Blot analysis of BUB1B expression in human spleen.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to BUB1B on formalin-fixed paraffin-embedded human spleen. [antibody concentration 1 ug/ml]

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to BUB1B on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — BUB1B

Entrez GeneID [701](#)

GeneBank Accession# [BC018739](#)

Protein Accession# [AAH18739](#)

Gene Name BUB1B

Gene Alias BUB1beta, BUBR1, Bub1A, MAD3L, SSK1, hBUBR1

Gene Description budding uninhibited by benzimidazoles 1 homolog beta (yeast)

Omim ID [114500 602860](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a kinase involved in spindle checkpoint function. The protein has been localized to the kinetochore and plays a role in the inhibition of the anaphase-promoting complex/cyclosome (APC/C), delaying the onset of anaphase and ensuring proper chromosome segregation. Impaired spindle checkpoint function has been found in many forms of cancer. [provided by RefSeq]

Other Designations BUB1 budding uninhibited by benzimidazoles 1 homolog beta|MAD3/BUB1-related protein kinase|budding uninhibited by benzimidazoles 1, beta

Pathway

- [Cell cycle](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)