

Mouse BUB1B Monoclonal Antibody | anti-BUB1B antibody

BUB1B antibody

CATALOG # AAA106197	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
-------------------------------	----------------------	---

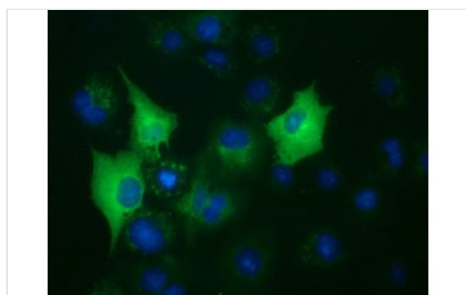
PRODUCT SYNONYMS

BUB1B; Monoclonal Antibody; BUB1B antibody; Monoclonal BUB1B; Anti-BUB1B; Budding uninhibited by benzimidazoles 1 homolog beta; SSK1; BUBR1; Bub1A; MAD3L; hBUBR1; BUB1beta; BUBB 1; BUBB-1; anti-BUB1B antibody

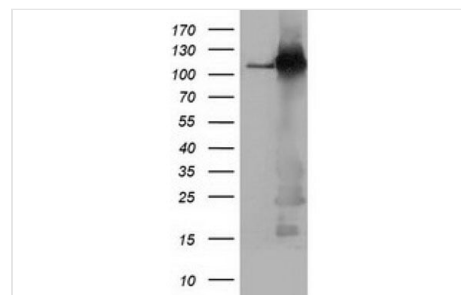
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6 E3
Purity/Purification	BUB1B antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	1050
Applicable Applications for anti-BUB1B antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	BUB1B is 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.
Cross-Reactivity	Human, Dog, Rat, Monkey
Immunogen	BUB1B antibody was raised in mouse using a full length recombinant protein of human BUB1B (NP_001202) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant BUB1B protein using BUB1B antibody


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant BUB1B protein (Right) or empty vector (Left) detected with BUB1B antibody

ADDITIONAL INFORMATION

Related Product Information for anti-BUB1B antibody	Mouse monoclonal BUB1B antibody
Product Categories/Family for anti-BUB1B antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	59814247
NCBI GeneID	701
NCBI Accession #	NP_001202
NCBI GenBank Nucleotide #	NM_001211.5
UniProt Accession #	O60566; O60501; O60627; O60758; O75389; Q59HH6; Q8WV50; Q96KM4; B2R6U0; B4DL09; B4DLG3
Molecular Weight	121,386 Da
NCBI Official Full Name	mitotic checkpoint serine/threonine-protein kinase BUB1 beta
NCBI Official Synonym Full Names	BUB1 mitotic checkpoint serine/threonine kinase B
NCBI Official Symbol	BUB1B
NCBI Official Synonym Symbols	MVA1; SSK1; BUBR1; Bub1A; MAD3L; hBUBR1; BUB1beta
NCBI Protein Information	mitotic checkpoint serine/threonine-protein kinase BUB1 beta
UniProt Protein Name	Mitotic checkpoint serine/threonine-protein kinase BUB1 beta
UniProt Gene Name	BUB1B
UniProt Synonym Gene Names	BUBR1; MAD3L; SSK1; hBUBR1
UniProt Entry Name	BUB1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/bub1b-antibody-clone-6-e3-western-blot-immunofluorescence-flow-cytometry-elisa/106197>