

Mouse anti-Human BUBR1 Monoclonal Antibody | anti-BUBR1 antibody

BUBR1 (Mitotic Checkpoint Serine/Threonine-protein Kinase BUB1 beta, MAD3/BUB1-related Protein Kinase, hBUBR1, Mitotic Checkpoint Kinase MAD3L, Protein SSK1, BUB1B, MAD3L, SSK1) (HRP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25332	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

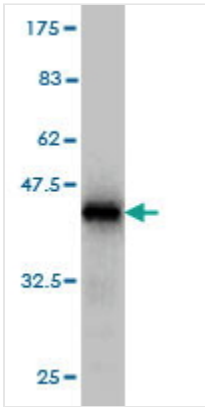
PRODUCT SYNONYMS

BUBR1; Monoclonal Antibody; BUBR1 (Mitotic Checkpoint Serine/Threonine-protein Kinase BUB1 beta; MAD3/BUB1-related Protein Kinase; hBUBR1; Mitotic Checkpoint Kinase MAD3L; Protein SSK1; BUB1B; MAD3L; SSK1) (HRP); anti-BUBR1 antibody

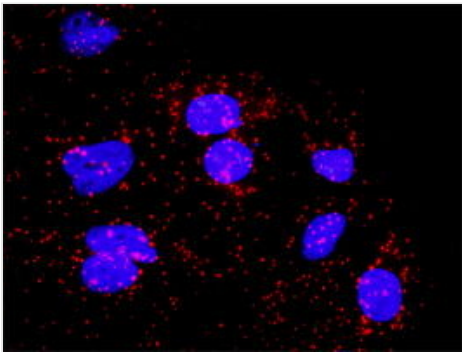
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2G5
Specificity	Recognizes human BUB1B.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-BUBR1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa1-130 from human BUB1B (AAH18739) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MAAVKKEGGALSEAMSLEGDEWELSKENVQPLRQGRIMSTLQGALAQESACNNTLQQKRAFYEIRFYTGNDPLDVWDRIYSWTEQNYPQGGKESN
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

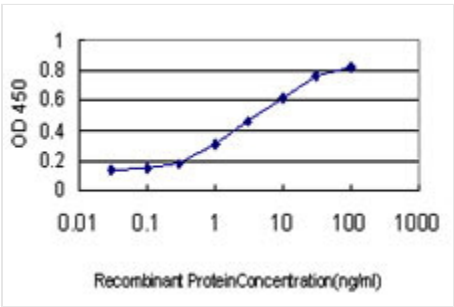
IMAGES



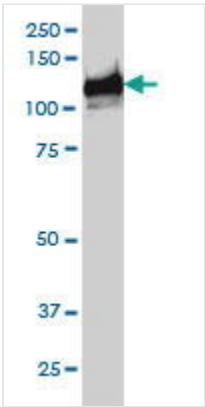
WB (Western Blot)
BUB1B monoclonal antibody Western Blot analysis of BUB1B expression in HeLa NE.



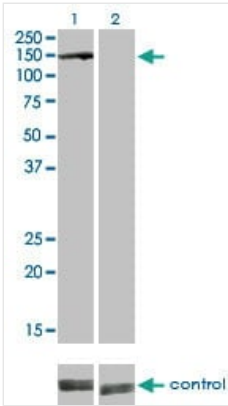
Application Data
Proximity Ligation Analysis (PLA) of protein-protein interactions between CDC20 and BUB1B. HeLa cells were stained with CDC20 rabbit purified polyclonal 1:1200 and BUB1B mouse monoclonal antibody 1:50. Signals were detected by 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.



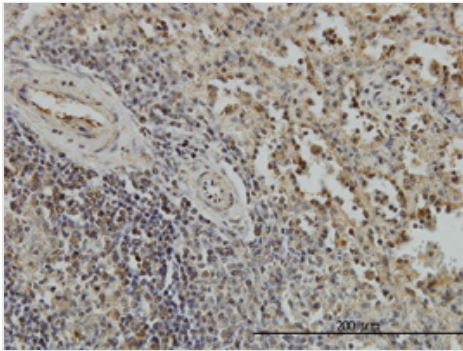
Application Data
Detection limit for recombinant GST tagged BUB1B is ~0.03ng/ml as a capture antibody.



WB (Western Blot)
Western Blot detection against Immunogen (39.93kD).



WB (Western Blot)
Western blot analysis of BUB1B over-expressed 293 cell line, cotransfected with BUB1B Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with BUB1B monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to BUB1B on formalin-fixed paraffin-embedded human spleen. [antibody concentration 3ug/ml].

ADDITIONAL INFORMATION

Product Categories/Family for anti-BUBR1 antibody	Antibodies; DNA Repair/Damage
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17511776
NCBI GeneID	701

Molecular Weight	121,386 Da
NCBI Official Full Name	Homo sapiens budding uninhibited by benzimidazoles 1 homolog beta (yeast), mRNA
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

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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/bubr1-antibody-clone-2g5-immunohistochemistry-western-blot-elisa/25332>