

Rabbit anti-Human BUB1 Monoclonal Antibody | anti-BUB1 antibody

[KD Validated] BUB1 Rabbit mAb

CATALOG # AAA283002	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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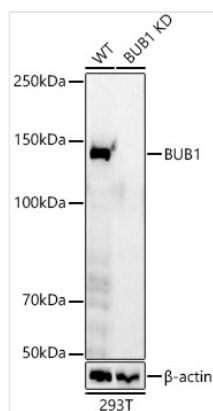
PRODUCT SYNONYMS

BUB1; Monoclonal Antibody; [KD Validated] BUB1 Rabbit mAb; BUB1A; BUB1L; hBUB1; MCPH30; [KD Validated] BUB1; anti-BUB1 antibody

PRODUCT SPECIFICATIONS

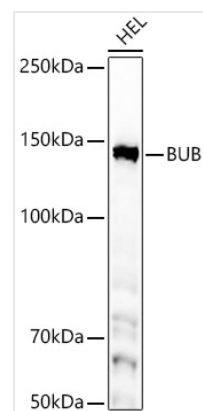
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MDTPENVLQM LEAHMQSYKG NDPLGEWERY IQWVEENFPE NKEYLITLLE HLMKEFLDKK KYHNDPRFIS YCLKFAEYNS DLHQFFELY NHGIGTLSSP LYIAWAGHLE AQGELQHASA VLQRGIQNQA EPREFLQQQY RLFQTRLTET
Applicable Applications for anti-BUB1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human BUB1. (NP_004327.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and BUB1 knockdown (KD) 293T cells, using [KD Validated] BUB1 Rabbit mAb (AAA283002) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



WB (Western Blot)

Western blot analysis of lysates from HEL cells, using [KD Validated] BUB1 Rabbit mAb (AAA283002) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-BUB1 antibody	This gene encodes a serine/threonine-protein kinase that play a central role in mitosis. The encoded protein functions in part by phosphorylating members of the mitotic checkpoint complex and activating the spindle checkpoint. This protein also plays a role in inhibiting the activation of the anaphase promoting complex/cyclosome. This protein may also function in the DNA damage response. Mutations in this gene have been associated with aneuploidy and several forms of cancer. Alternate splicing results in multiple transcript variants.
Product Categories/Family for anti-BUB1 antibody	Cancer; Signal Transduction; Kinase; MAPK-Erk Signaling Pathway; Cell Biology Developmental Biology; Cell Cycle; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757878
NCBI GeneID	699
NCBI Accession #	NP_004327.1
NCBI GenBank Nucleotide #	NM_004336.3
UniProt Accession #	O43683; O43430; O43643; O60626; Q53QE4
Molecular Weight	Calculated MW: 115KDa/120KDa/122KDa Observed MW: 122kDa
UniProt Protein Name	Mitotic checkpoint serine/threonine-protein kinase BUB1
UniProt Gene Name	BUB1
UniProt Synonym Gene Names	BUB1L; hBUB1
UniProt Entry Name	BUB1_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/bub1-antibody-western-blot-elisa/283002>