

Name: anti-BUB1B mouse monoclonal antibody, clone UMAB7
Product Data Sheet - UltraMAB

Catalog: UM500007

Gene Name: Homo sapiens BUB1 mitotic checkpoint serine/threonine kinase B (BUB1B)
GeneBank accession: NM_001211
Isotype: IgG2a

Reactivity: Human, Monkey
Test application: WB
Clone Name: Clone UMAB7

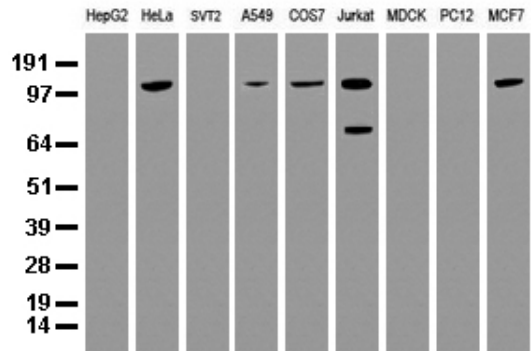
Gene Synonym: Bub1A; BUB1beta; BUBR1; hBUBR1; MAD3L; MVA1; SSK1

Validation Data:

Guaranteed Applications: WB, IHC

Western Blot

Suggested Dilutions: WB 1:2000, IHC 1:50, IF 1:100, Flow 1:100



Immunogen: Protein expressed in 293T cell transfected with human BUB1B expression vector

Components:

- anti-BUB1B mouse monoclonal antibody, clone UMAB7 (UM500007)

Amount:

UM500007 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

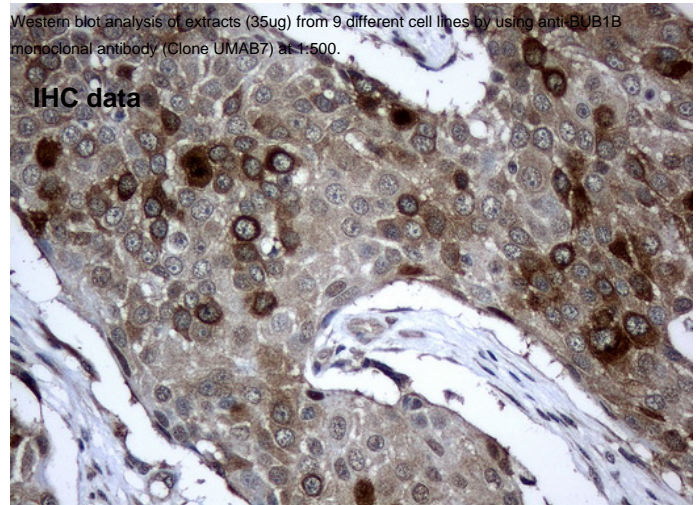
Buffer: PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

Purified from mouse ascites fluids by affinity chromatography

Background:

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.



Immunohistochemical staining of paraffin-embedded Carcinoma of lung tissue using anti-BUB1B mouse monoclonal antibody. (Clone UMAB7, Dilution 1:100)

Related Product:

- TrueORF cDNA clones
- VERIFY Tagged Antigen lysates
- HuSH-29 shRNA
- Western Blot reagents
- Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

<http://www.origene.com/antibody/UM500007.aspx>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.