

BUBR1 Rabbit mAb

Catalog No: #52727

Package Size: #52727-1 50ul #52727-2 100ul

Orders: order@signalwayantibody.com

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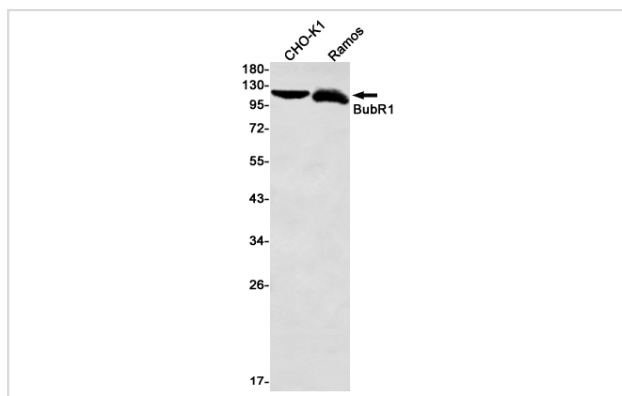
Description

| | |
|-----------------------|--|
| Product Name | BUBR1 Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal antibody |
| Clone No. | S05-3G7 |
| Isotype | IgG |
| Purification | Affinity Purified |
| Applications | WB IHC |
| Species Reactivity | Human,Mouse,Rat |
| Immunogen Description | A synthetic peptide of human BubR1 |
| Conjugates | Unconjugated |
| Modification | Unmodification |
| Other Names | MVA1; SSK1; BUBR1; Bub1A; MAD3L; hBUBR1; BUB1beta |
| Accession No. | Swiss-Prot:O60566GeneID:701 |
| Uniprot | O60566 |
| GeneID | 701 |
| Calculated MW | Calculated MW:120 kDa,Observed MW:120 kDa |
| Concentration | 0.3 mg/ml |
| Formulation | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

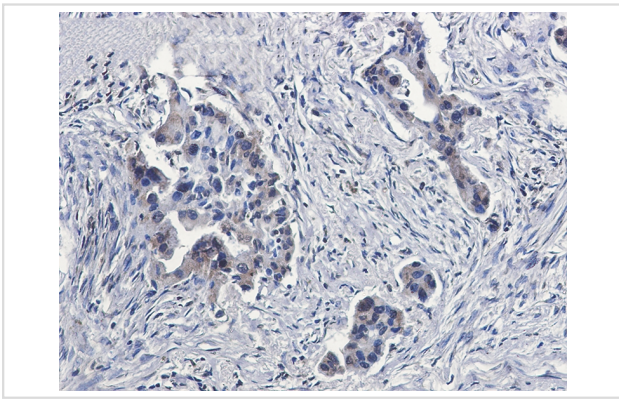
Application Details

WB: 1/2000-1/10000 IHC: 1/20

Images



Western blot detection of BubR1 in CHO-K1,Ramos cell lysates using BubR1 Rabbit mAb(1:1000 diluted).Predicted band size:120kDa.Observed band size:120kDa.



Immunohistochemistry of BubR1 in paraffin-embedded Human lung cancer tissue using BubR1 Rabbit mAb at dilution 1/50

Background

Essential component of the mitotic checkpoint. Required for normal mitosis progression. The mitotic checkpoint delays anaphase until all chromosomes are properly attached to the mitotic spindle. One of its checkpoint functions is to inhibit the activity of the anaphase-promoting complex/cyclosome (APC/C) by blocking the binding of CDC20 to APC/C, independently of its kinase activity. The other is to monitor kinetochore activities that depend on the kinetochore motor CENPE. Required for kinetochore localization of CENPE. Negatively regulates PLK1 activity in interphase cells and suppresses centrosome amplification. Also implicated in triggering apoptosis in polyploid cells that exit aberrantly from mitotic arrest. May play a role for tumor suppression.

Note: This product is for in vitro research use only