

BUBR1 Rabbit mAb

Catalog No: #52727

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

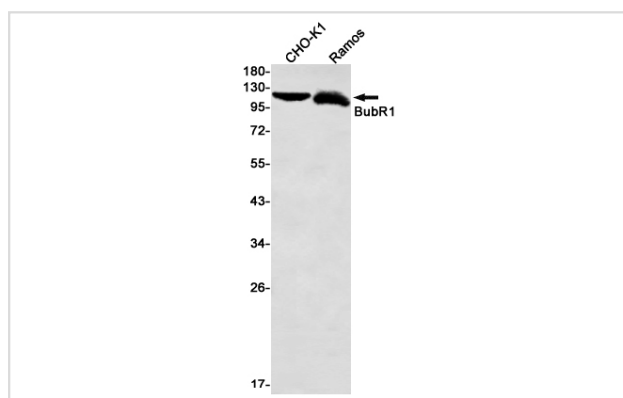
Description

Product Name	BUBR1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
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
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.

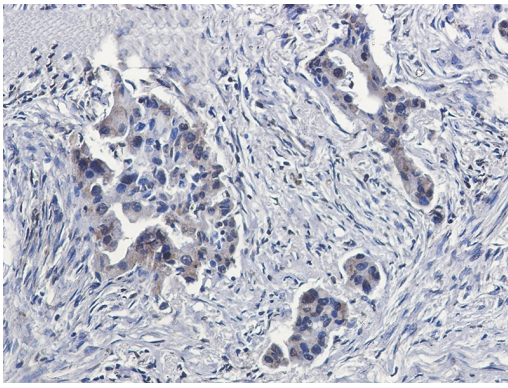
Application Details

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 and is not intended for use in humans or animals.