Product Datasheet

YB1 Rabbit mAb

Catalog No: #52661

Package Size: #52661-1 50ul #52661-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

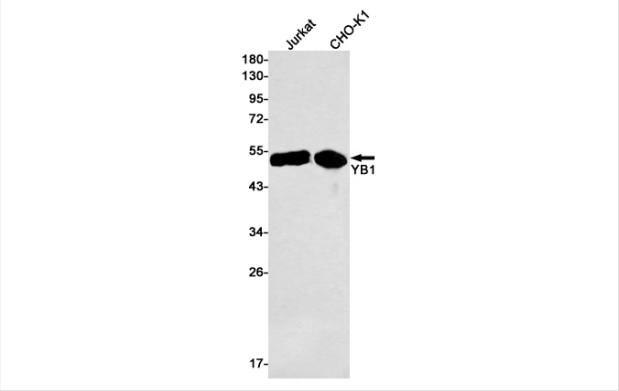
Description

Product Name	YB1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S03-6G4
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human YB1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	YB1; BP-8; CSDB; DBPB; YB-1; CBF-A; CSDA2; EFI-A; NSEP1; NSEP-1; MDR-NF1
Accession No.	Swiss-Prot:P67809GeneID:4904
Uniprot	P67809
GeneID	4904
Calculated MW	Calculated MW: 36 kDa; Observed MW: 49 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.

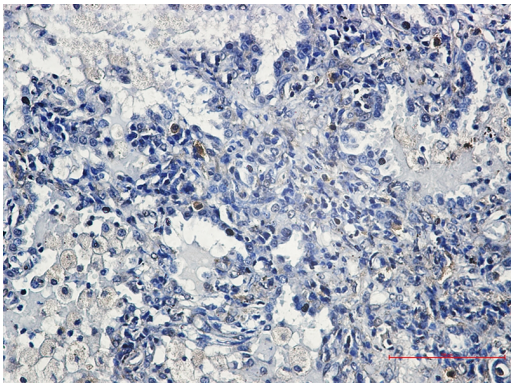
Application Details

WB: 1/2000-1/10000; IHC: 1/20-1/50;

Images



Western blot detection of YB1 in Jurkat,Hela cell lysates using YB1 Rabbit mAb(1:1000 diluted).Predicted band size:36kDa.Observed band size:49kDa.



Immunohistochemistry of YB1 in paraffin-embedded Human lung cancer tissue using YB1 Rabbit mAb at dilution 1/50

Background

Swiss-Prot Acc.P67809.Mediates pre-mRNA alternative splicing regulation. Binds to splice sites in pre-mRNA and regulates splice site selection. Binds and stabilizes cytoplasmic mRNA. Contributes to the regulation of translation by modulating the interaction between the mRNA and eukaryotic initiation factors . Regulates the transcription of numerous genes. Its transcriptional activity on the multidrug resistance gene MDR1 is enhanced in presence of the APEX1 acetylated form at 'Lys-6' and 'Lys-7'. Binds to promoters that contain a Y-box (5'-CTGATTGGCCAA-3'), such as MDR1 and HLA class II genes. Promotes separation of DNA strands that contain mismatches or are modified by cisplatin. Has endonucleolytic activity and can introduce nicks or breaks into double-stranded DNA (in vitro). May play a role in DNA repair. Component of the CRD-mediated complex that promotes MYC mRNA stability. Binds preferentially to the 5'-[CU]CUGCG-3' motif in vitro.

Note: This product is for in vitro research use only