

Phospho-CDK1/2 (Thr14) Rabbit mAb

Catalog No: #52691

Package Size: #52691-1 50ul #52691-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

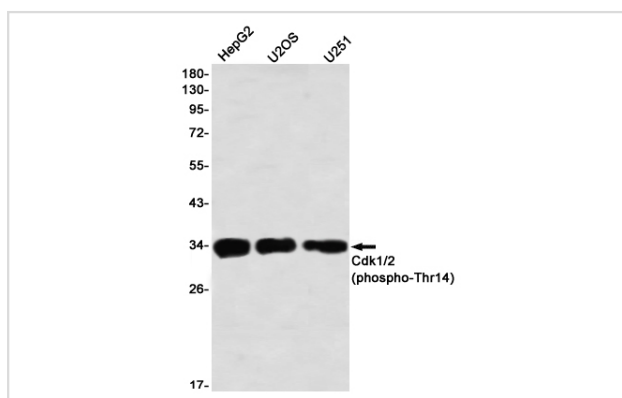
Description

Product Name	Phospho-CDK1/2 (Thr14) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S06-1A5
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic phosphopeptide corresponding to residues surrounding Thr14 of human Cdk1/2
Conjugates	Unconjugated
Modification	Phosphorylated
Other Names	CDKN2; p33(CDK2)
Accession No.	Swiss-Prot:P06493 P24941GeneID:1017
Uniprot	P06493 P24941
GeneID	1017
Calculated MW	Calculated MW:34 kDa,Observed MW:34 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.

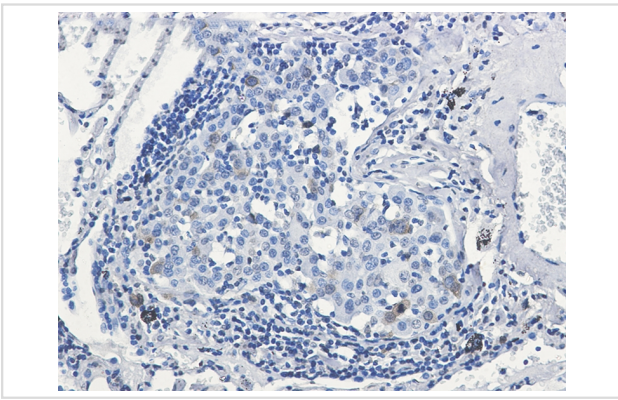
Application Details

WB: 1/1000; IHC: 1/50;

Images



Western blot detection of Cdk1/2 (phospho-Thr14) in HepG2,U2OS,U251 using Cdk1/2 (phospho-Thr14) Rabbit mAb(1:1000 diluted)



Immunohistochemistry of Cdk1/2 (phospho-Thr14) in paraffin-embedded Human lung cancer tissue using Cdk1/2 (phospho-Thr14) Rabbit mAb at dilution 1/50

Background

Plays a key role in the control of the eukaryotic cell cycle by modulating the centrosome cycle as well as mitotic onset; promotes G2-M transition, and regulates G1 progress and G1-S transition via association with multiple interphase cyclins (PubMed:16407259, PubMed:17459720, PubMed:16933150, PubMed:18356527, PubMed:19509060, PubMed:20171170, PubMed:19917720, PubMed:20937773, PubMed:20935635, PubMed:21063390, PubMed:23355470, PubMed:23601106, PubMed:23602554, PubMed:25556658, PubMed:26829474, PubMed:30704899).

Note: This product is for in vitro research use only