

CDK1/2 Monoclonal Antibody | anti-CDK1/2 antibody

Phospho-CDK1/2 (Thr14) Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314498	Recombinant Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

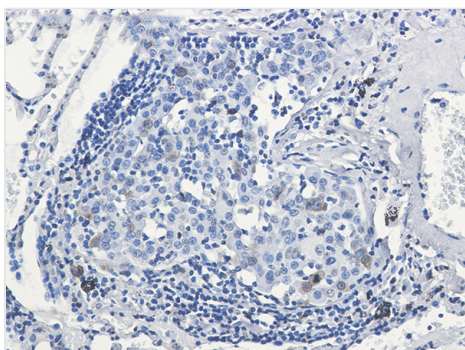
PRODUCT SYNONYMS

CDK1/2; Monoclonal Antibody; Phospho-CDK1/2 (Thr14) Rabbit mAb; CDKN2; p33(CDK2); anti-CDK1/2 antibody

PRODUCT SPECIFICATIONS

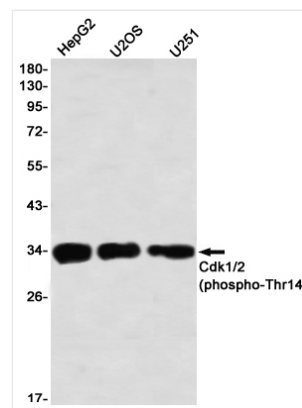
Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	S06-1A5
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-CDK1/2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Thr14 of human Cdk1/2
Conjugation	Unconjugated
Modification	Phosphorylated
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-CDK1/2 antibody	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).
Product Categories/Family for anti-CDK1/2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502709
NCBI GeneID	983
NCBI Accession #	NP_001777.1
NCBI GenBank Nucleotide #	NM_001786.4
UniProt Accession #	P06493; P24941
Molecular Weight	34,095 Da
NCBI Official Full Name	cyclin-dependent kinase 1 isoform 1
NCBI Official Synonym Full Names	cyclin-dependent kinase 1
NCBI Official Symbol	CDK1
NCBI Official Synonym Symbols	CDC2; CDC28A; P34CDC2
NCBI Protein Information	cyclin-dependent kinase 1; p34 protein kinase; cell cycle controller CDC2; cell division protein kinase 1; cell division control protein 2 homolog; cell division cycle 2, G1 to S and G2 to M
UniProt Protein Name	Cyclin-dependent kinase 1
UniProt Gene Name	CDK1
UniProt Synonym Gene Names	CDC2; CDC28A; CDKN1; P34CDC2; CDK1
UniProt Entry Name	CDK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cdk1-2-antibody-clone-s06-1a5-immunohistochemistry-western-blot-elisa/314498>