Rabbit anti-Human PLK1 Monoclonal Antibody | anti-PLK1 antibody

PLK1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282881	**Rabbit**	**Human**	**ELISA, Western Blot**

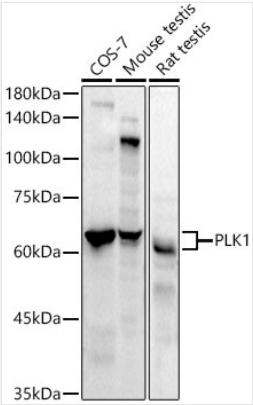
PRODUCT SYNONYMS

PLK1; Monoclonal Antibody; PLK1 Rabbit mAb; PLK; STPK13; anti-PLK1 antibody

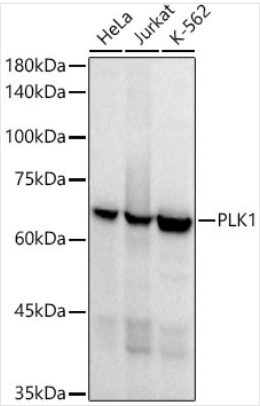
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	KHINPVAASL IQKMLQTDPT ARPTINELLN DEFFTSGYIP ARLPITCLTI PPRFSIAPSS LDPSNRKPLT VLNKGLENPL PERPREKEEP VVRETGEVVD CHLSDMLQQL HSVNASKPSE RGLVRQEEAE DPACIPIFWV SKWVDYSDKY GLGYQLCDNS VGVLFNDSTR LILYNDGDSL QYIERDGTES YLTVSSHPNS LMKKITLLKY FRNYMSEHLL KAGA
Applicable Applications for anti-PLK1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat, Monkey
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 272-495 of human PLK1 (NP_005021.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of various lysates using PLK1 Rabbit mAb (AAA282881) at1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.



WB (Western Blot)
Western blot analysis of various lysates using PLK1 Rabbit mAb (AAA282881) at1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-PLK1 antibody	The Ser/Thr protein kinase encoded by this gene belongs to the CDC5/Polo subfamily. It is highly expressed during mitosis and elevated levels are found in many different types of cancer. Depletion of this protein in cancer cells dramatically inhibited cell proliferation and induced apoptosis; hence, it is a target for cancer therapy.
Product Categories/Family for anti-PLK1 antibody	Epigenetics Nuclear Signaling; Protein phosphorylation; Cancer; Signal Transduction; Kinase; Serine threonine kinases; Cell Biology Developmental Biology; Cell Cycle; Centrosome; Cell Cycle Control-G2 M DNA Damage Checkpoint; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21359873
NCBI GeneID	5347
NCBI Accession #	NP_005021.2
NCBI GenBank Nucleotide #	NM_005030.3
UniProt Accession #	P53350; Q15153; Q99746
Molecular Weight	Calculated MW: 68kDa Observed MW: 62kDa
UniProt Protein Name	Serine/threonine-protein kinase PLK1
UniProt Gene Name	**PLK1**
UniProt Synonym Gene Names	PLK; PLK-1; STPK13
UniProt Entry Name	PLK1_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://stage.aaabiotech.com/monoclonal/plk1-antibody-western-blot-elisa/282881