

Anti-PLK1 antibody (272-495) [S4884RM] (STJ11104884)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

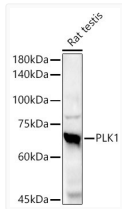
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 68kDa Observed Mw: 68kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

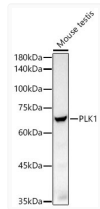
Gene ID	5347
Gene Symbol	PLK1
UniProt ID	PLK1_HUMAN
Immunogen Region	272-495
Immunogen Sequence	KHINPVAASLIQKMLQTDPT ARPTINELLNDEFFTSGYIP ARLPITCLTIPPRFSIAPSS LDPSNRKPLTVLNKGLNPL PERPREKEEPVVRETGEVVD CHLSDMLQQLHSVNASKPSE RGLVRQEEAEDPACIPFWV SKWVDYSDKYGLGYQLCDNS VGVLFNDSTRLLIYNDGDSL QYIERDGTESYLTVSSHPNS LMKKITLLKYFRNYMSEHLL KAGA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 272-495 of human PLK1 (NP_005021.2).

ADDITIONAL INFORMATION

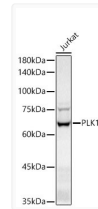
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



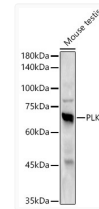
Western blot analysis of lysates from Rat testis using PLK1 Rabbit monoclonal antibody (STJ11104884) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



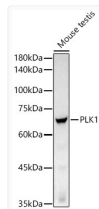
Western blot analysis of lysates from Mouse testis using PLK1 Rabbit monoclonal antibody (STJ11104884) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



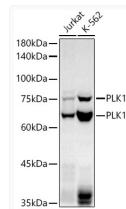
Western blot analysis of lysates from Jurkat cells using PLK1 Rabbit monoclonal antibody (STJ11104884) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of lysates from Rat testis, using PLK1 Rabbit monoclonal antibody (STJ11104884) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Western blot analysis of lysates from Mouse testis, using PLK1 Rabbit monoclonal antibody (STJ11104884) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of various lysates, using PLK1 Rabbit monoclonal antibody (STJ11104884) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.