Mouse PLK1 Monoclonal Antibody | anti-PLK1 antibody

PLK1 antibody

CATALOG #	HOST	APPLICATIONS
AAA108027	**Mouse**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

PLK1; Monoclonal Antibody; PLK1 antibody; Monoclonal PLK1; Anti-PLK1; Polo-Like Kinase 1; PLK; STPK13; PLK 1; PLK-1; anti-PLK1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	5C1
Purity/Purification	PLK1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	603
Applicable Applications for anti-PLK1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	Serine/threonine-protein kinase that performs several important functions throughout M phase of the cell cycle, including the regulation of centrosome maturation and spindle assembly, the removal of cohesins from chromosome arms, the in activation of APC/C inhibitors, and the regulation of mitotic exit and cytokinesis.
Cross-Reactivity	Human
Immunogen	PLK1 antibody was raised in mouse using a protein expressed in 293T cell transfected with human PLK1 expression vector as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemical analysis of PLK1 protein in paraffin embedded Adenocarcinoma of Human colon tissue using PLK1 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PLK1 protein (Right) or empty vector (Left) detected with PLK1 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant PLK1 protein (red) or empty vector (blue) stained using PLK1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PLK1 antibody	Mouse monoclonal PLK1 antibody
Product Categories/Family for anti-PLK1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	649151110
NCBI Official Full Name	PLK1, partial

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/plk1-antibody-clone-5c1-western-blot-immunohistochemistry-elisa/108027