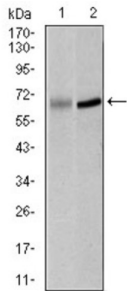
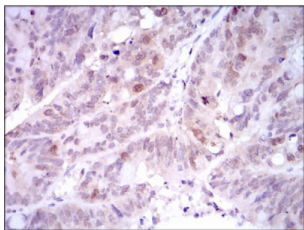


Serine/threonine-Protein Kinase PLK1 (PLK1) Antibody

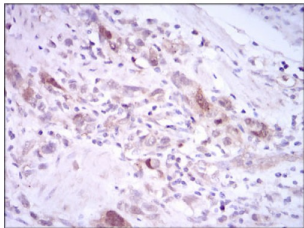
Catalogue No.:abx015971



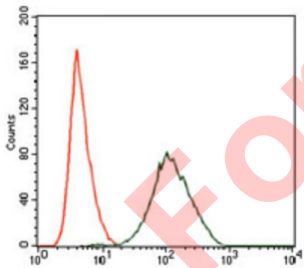
Western blot analysis using PLK1 antibody against human PLK1 recombinant protein. (Expected MW is 45.7 kDa).



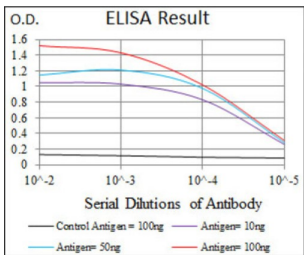
Western blot analysis using PLK1 antibody against K562 (1) and Raji (2) cell lysate.



Flow cytometric analysis of NIH3T3 cells using PLK1 antibody (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded stomach cancer tissues using PLK1 antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using PLK1 antibody with DAB staining.

Datasheet

Version: 2.0.0
Revision date: 12 Aug 2025



Polo-like kinase 1 (Plk1) plays key roles in many aspects of mitosis. Suppression of Plk1 by p21 (Waf1) is responsible for p53-dependent protection against adriamycin-induced caspase-independent mitotic death.

Target:	Serine/threonine-Protein Kinase PLK1 (PLK1)
Clonality:	Monoclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IHC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human PLK1 (AA: 331-508) expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
GeneID:	5347
Molecular Weight:	68 kDa
Buffer:	PBS, containing 0.05% sodium azide.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.