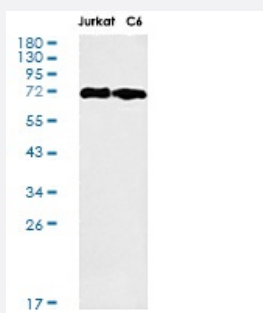


RecomAb™

PLK1 recombinant monoclonal antibody, clone R07-3E0

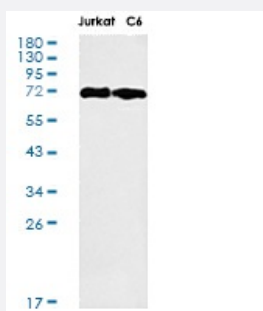
Catalog # RAB01308 Size 100 uL

Applications



Western Blot

Western blot analysis of PLK1 in Jurkat, C6 lysates using PLK1 antibody.



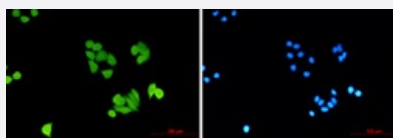
Western Blot

Western blot analysis of CRCP in Jurkat, C6 lysates using CRCP antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using CRCP antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Immunocytochemistry



Immunocytochemistry analysis of PLK1 (green) in HeLa using PLK1 antibody, and DAPI (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PLK1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human PLK1.
Theoretical MW (kDa)	Calculated MW: 68 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of PLK1 in Jurkat, C6 lysates using PLK1 antibody.

- Western Blot

Western blot analysis of CRCP in Hela, C6 lysates using CRCP antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using CRCP antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

- Immunohistochemistry (Frozen sections)

- Immunocytochemistry

- Immunocytochemistry

Immunocytochemistry analysis of PLK1 (green) in Hela using PLK1 antibody, and DAPI (blue).

- Immunofluorescence

- Immunofluorescence

- Immunoprecipitation

- Immunoprecipitation

Gene Info — PLK1

Entrez GeneID	5347
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Protein Accession#	P53350
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Gene Name	PLK1
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Gene Alias	PLK, STPK13
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Gene Description	polo-like kinase 1 (Drosophila)
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Omim ID	602098
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Gene Ontology	Hyperlink
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Other Designations	cell cycle regulated protein kinase polo (Drosophila)-like kinase polo like kinase polo-like kinase
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Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Lung Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)