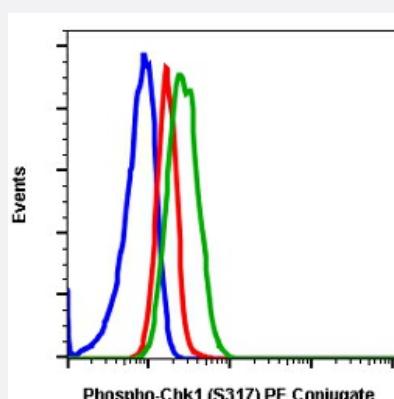


RecomAb™

CHEK1 recombinant monoclonal antibody, clone Chk1S317-G1 (PE)

Catalog # RAB03003 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of HeLa cells unstained treated with Imatinib as negative control (blue) versus stained HeLa cells treated with Imatinib (red) or treated with pervanadate (green) using phospho-Chk1 (S317) antibody Chk1S317-G1 PE conjugate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CHEK1.
Antibody Species	Rabbit
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Ser317 of human phospho Chk 1
Reactivity	Human
Form	Liquid
Conjugation	PE
Purification	Protein A purification, Protein G purification
Isotype	IgG

Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	1X PBS, 0.09% Sodium azide, 0.2% BSA
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Flow cytometric analysis of HeLa cells unstained treated with Imatinib as negative control (blue) versus stained HeLa cells treated with Imatinib (red) or treated with pervanadate (green) using phospho-Chk1 (S317) antibody Chk1S317-G1 PE conjugate.

Gene Info — CHEK1

Entrez GeneID	1111
Protein Accession#	O14757
Gene Name	CHEK1
Gene Alias	CHK1
Gene Description	CHK1 checkpoint homolog (S. pombe)
Omim ID	603078
Gene Ontology	Hyperlink
Gene Summary	S. pombe
Other Designations	CHK1 checkpoint homolog Checkpoint, S. pombe, homolog of, 1

Pathway

- [Cell cycle](#)
- [p53 signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Adenofibroma](#)
- [Ataxia telangiectasia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [DNA Damage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Microsatellite Instability](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)

- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)