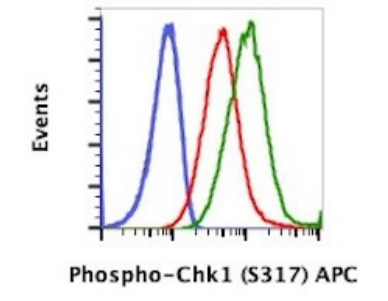
CHEK1 (phospho S317) monoclonal antibody, clone G1 (APC)

Catalog # MAB23477 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of HeLa cells with CHEK1 (phospho S317) monoclonal antibody, clone G1 (APC) (Cat # MAB23477). Unstained treated with imatinib as negative control (blue) or stained treated with imatinib (red) or treated with pervanadate (green).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human CHEK1.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding S317 of human CHEK1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Conjugation	APC
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 uL/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).
Storage Instruction	Store at 4°C.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

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Gene Info — CHEK1

Entrez GeneID	1111
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

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- 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

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