

Datasheet for ABIN210859 **anti-CHEK2 antibody**



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Overview

Quantity:	200 µg
Target:	CHEK2
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CHEK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Mixture of two GST fusion proteins corresponding to amino acids NT, 1-223 and CT 217-543 of human CHK2. Type of Immunogen: Fusion protein
Isotype:	IgG1
Specificity:	Recognizes human CHK2, Mr 67kD. Species cross-reactivity: mouse. Species sequence homology: rat.
Purification:	Protein G purified

Target Details

Target:	CHEK2
Alternative Name:	CHEK2 / CHK2 (CHEK2 Products)

Target Details

Background:	Name/Gene ID: CHEK2
	Subfamily: CDS1
	Family: Protein Kinase
	Synonyms: CHEK2, BA444G7, Cds1 homolog, Checkpoint kinase 2, Checkpoint-like protein CHK2, CHK2 checkpoint homolog, CHK2, HCds1, LFS2, RAD53, Rad53 homolog, HCHK2, HuCds1, PP1425
Gene ID:	11200
UniProt:	O96017
Pathways:	p53 Signaling , Apoptosis , Cell Division Cycle

Application Details

Application Notes:	Approved: ICC, IP, WB (0.1 - 1 µg/mL)
	Usage: Suitable for use in Western Blot, Immunoprecipitation, Immunocytochemistry.
	Immunoprecipitation: Detects HK2 from HeLa cells. Reported by an independent lab.
	Immunocytochemistry: Detects CHK2 in HeLa cells. Reported by an independent lab. Western Blot: 0.1-1.0 µg/mL detects CHK2 in lysates from Jurkat, HeLa, 3T3/A31, and A431 cells. Jurkat cell lysate was resolved by electrophoresis, transferred to nitrocellulose and probed with anti-CHK2 (0.5 µg/mL). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and a chemiluminescence detection system. Positive control: J9000: Jurkat cell lysate. Add 2.5 µL of 2-mercaptoethanol/ 100 µL of lysate and boil for 5 minutes to reduce the preparation. Load 20 µg of reduced lysate per lane for minigels.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.1 M Tris-glycine, pH 7.4, 0.15 M sodium chloride, 0.05 % sodium azide, 30 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Short term: 4°C
Long term: Add glycerol (40-50%) -20°C.