

KD-Validated Anti-Phospho-Chk1 (S280) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

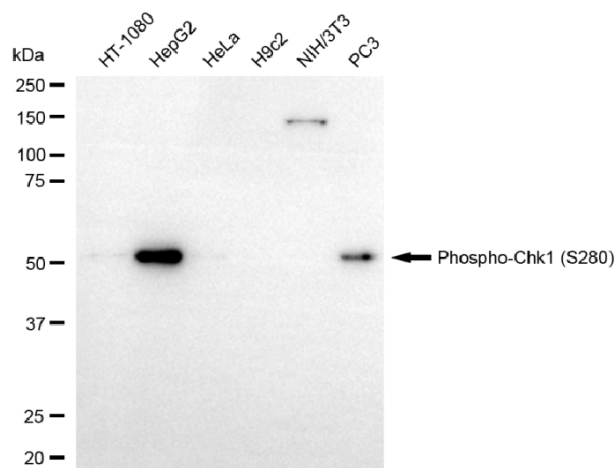
ABG1402

Product Overview

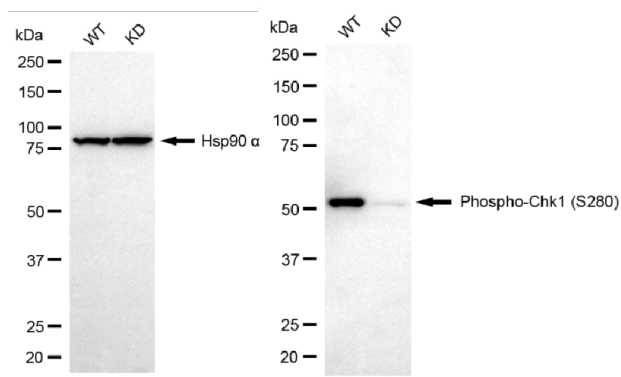
Name	KD-Validated Anti-Phospho-Chk1 (S280) Rabbit Monoclonal Antibody
Accession(Primary)	O14757
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Phospho-Chk1 (S280)
Species Reactivity	Human
Calculated MW	Predicted, 54 kDa; observed, 54 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (O14757)

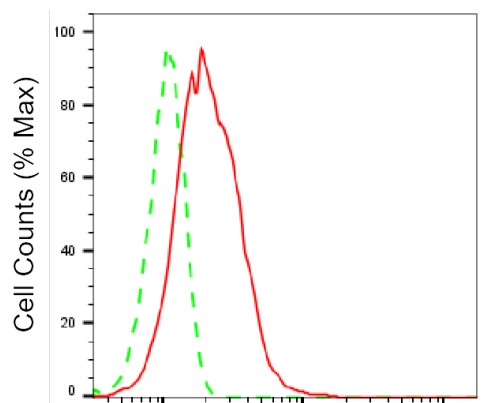
Gene Name	CHEK1
About Gene Symbol	CHEK1 (Checkpoint Kinase 1) is a serine/threonine protein kinase involved in cell cycle regulation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



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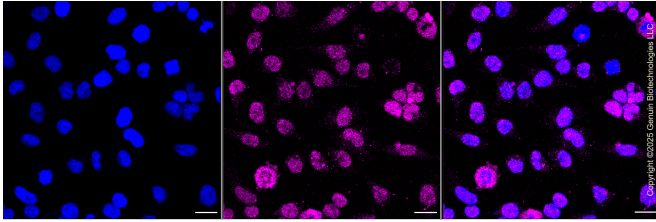


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Phospho-Chk1 (S280)-Alexa Fluor® 647



Immunocytochemical staining of HeLa cells with anti-Phospho-Chk1 (S280) antibody (Cat#ABG1402, 1:1,000). Nuclei were stained blue with DAPI; Phospho-Chk1 (S280) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 μ m.