

Anti-Chk2 Rabbit mAb

Purified Rabbit Monoclonal Antibody

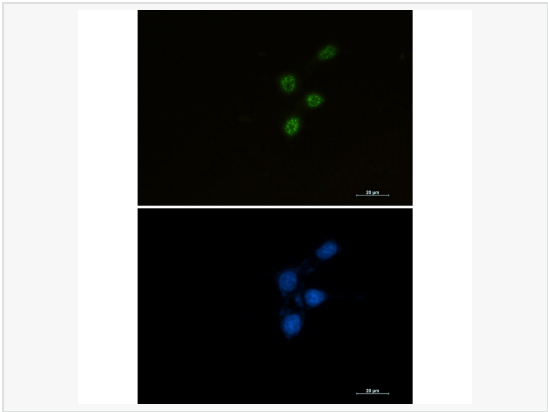
Catalog # R010190

Product Information

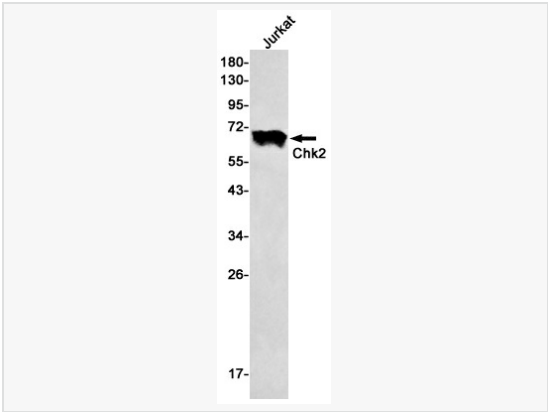
Application	WB, ELISA, ICC/IF (Cell), IP
Reactivity	Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	87K58K06
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Chk2
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Chk2 antibody [87K58K06] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CHEK2, CDS1, CHK2, RAD53, Serine/threonine-protein kinase Chk2, CHK2 checkpoint homolog, Cds1 homolog, Hucds1, hCds1, Checkpoint kinase 2.
Calculated MW	Calculated MW: 61 kDa; Observed MW: 61 kDa
Uniprot ID	O96017
Gene ID	11200
Background	These are known to be preferred sites for phosphorylation by ATM/ATR kinases. After DNA damage by ionizing radiation (IR), UV irradiation, or hydroxyurea treatment, Thr68 and other sites in this region become phosphorylated by ATM/ATR. The SQ/TQ cluster domain, therefore, seems to have a regulatory function.



Immunocytochemistry analysis of Chk2 (green) in HCT116 using Chk2 antibody and DAPI (blue) .



Western blot analysis of Chk2 in Jurkat lysates using Chk2 antibody.