

Anti-Chk2 (CHEK2) Mouse Monoclonal Antibody [Clone ID: OTI2F4]

Catalog Number: M00277-2

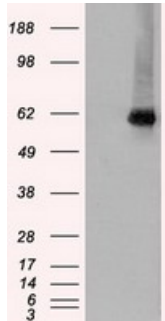
Overview

Product Name	Anti-Chk2 (CHEK2) Mouse Monoclonal Antibody [Clone ID: OTI2F4]
Reactive Species	Dog, Human, Monkey, Mouse, Rat
Description	Boster Bio CHEK2 (CHK2) mouse monoclonal antibody, clone OTI2F4 (formerly 2F4). Catalog# M00277-2. Tested in FC, IF, WB. This antibody reacts with Human, Monkey, Mouse, Rat, Dog.
Application	Flow Cytometry, IF, WB
Clonality	Monoclonal OTI2F4
Formulation	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	O96017

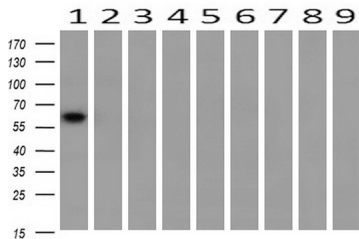
Technical Details

Immunogen	Full length human recombinant protein of human CHEK2 (NP_009125) produced in HEK293T cell.
Isotype	IgG2b
Concentration	1.2 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

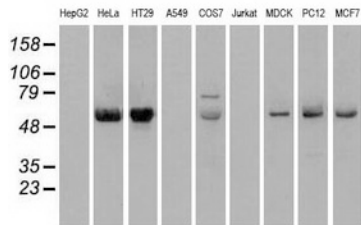
Anti-Chk2 (CHEK2) Mouse Monoclonal Antibody [Clone ID: OTI2F4] (M00277-2) Images



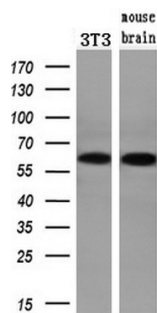
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CHEK2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CHEK2.



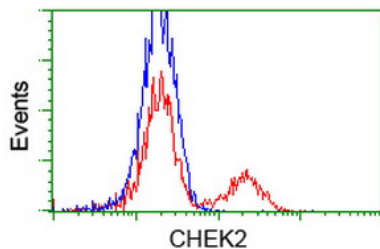
Western blot analysis of extracts (10ug) from 9 Human tissue by using anti-CHEK2 monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: Colon).



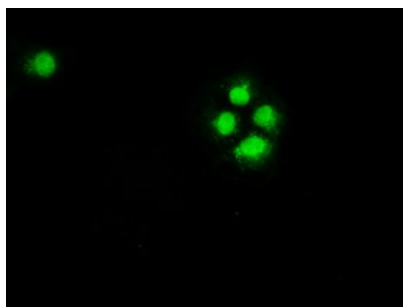
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CHEK2 monoclonal antibody.



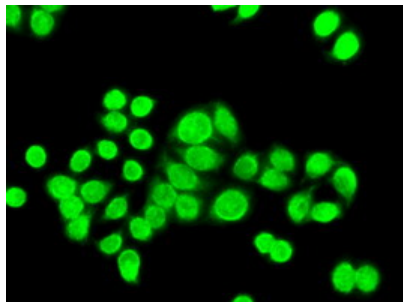
Western blot analysis of extracts (10ug) from a mouse cell line and a mouse tissue by using anti-CHEK2 monoclonal antibody (1:200).



HEK293T cells transfected with either CHEK2 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-CHEK2 antibody (M00277-2)



immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CHEK2.



Immunofluorescent staining of HT29 cells using anti-CHEK2 mouse monoclonal antibody (M00277-2).

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