

Product Datasheet

Chk2 Antibody (OTI5C4) NBP1-47695

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-47695

Chk2 Antibody (OTI5C4)

Product Information

Unit Size	0.1 ml
Concentration	1.43 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI5C4
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	60.7 kDa

Product Description

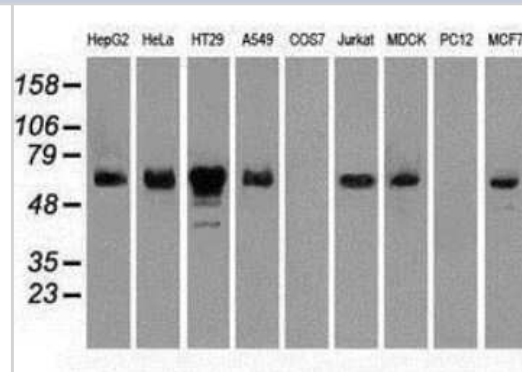
Host	Mouse
Gene ID	11200
Gene Symbol	CHEK2
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	This antibody is specific for Homo sapiens CHK2 checkpoint homolog (S. pombe) (CHEK2), transcript variant 1.
Immunogen	Full length human recombinant protein of human CHEK2 (NP_009125) produced in HEK293T cell.

Product Application Details

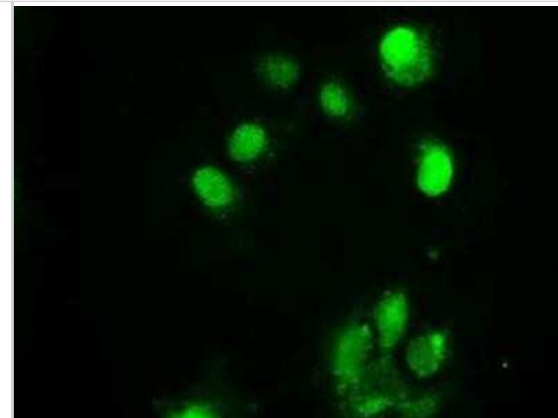
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:50-100, Immunoprecipitation 2ug/500ul, Immunohistochemistry-Paraffin 1:150

Images

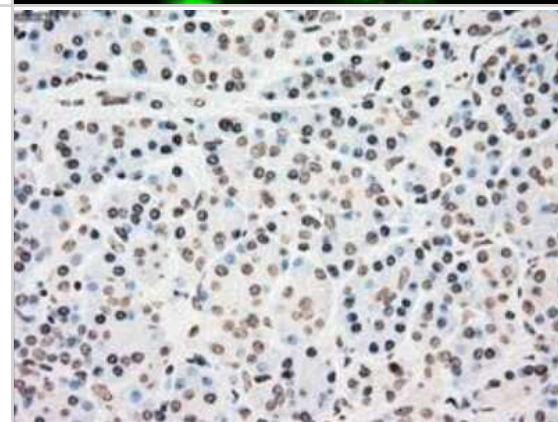
Western Blot: Chk2 Antibody (OTI5C4) [NBP1-47695] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Chk2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Chk2.



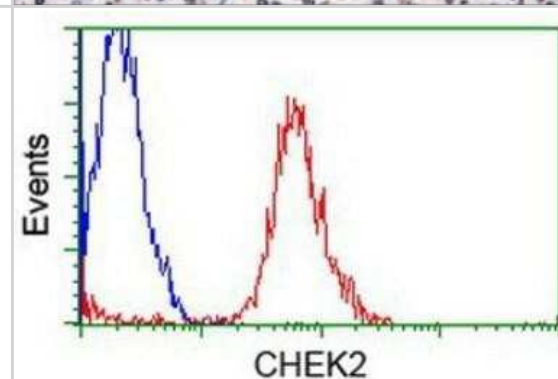
Immunocytochemistry/Immunofluorescence: Chk2 Antibody (OTI5C4) [NBP1-47695] - Chk2 Antibody (5C4) [NBP1-47695] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Chk2.



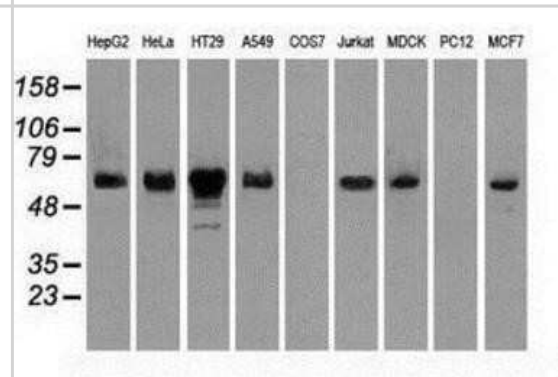
Immunohistochemistry-Paraffin: Chk2 Antibody (OTI5C4) [NBP1-47695] - Staining of paraffin-embedded Human pancreas tissue using anti-Chk2 mouse monoclonal antibody.



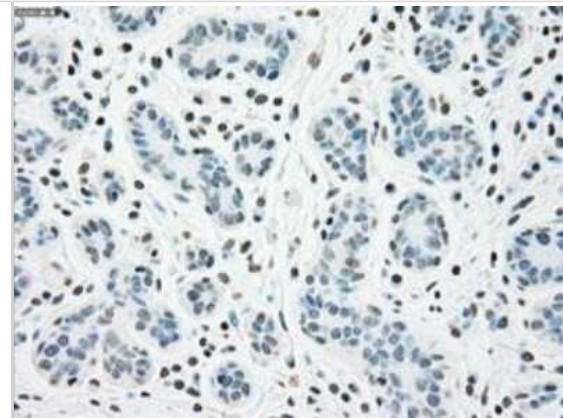
Flow Cytometry: Chk2 Antibody (OTI5C4) [NBP1-47695] - Analysis of Jurkat cells, using anti-Chk2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



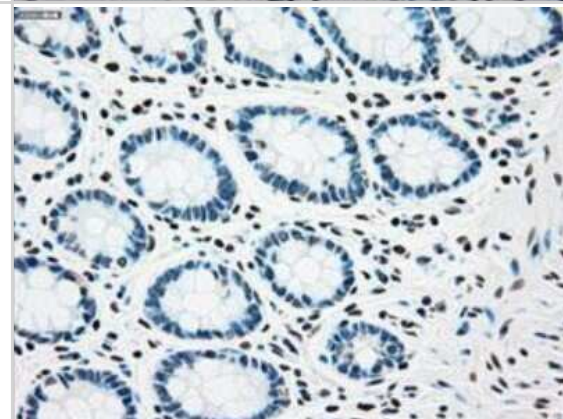
Western Blot: Chk2 Antibody (OTI5C4) [NBP1-47695] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Chk2 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



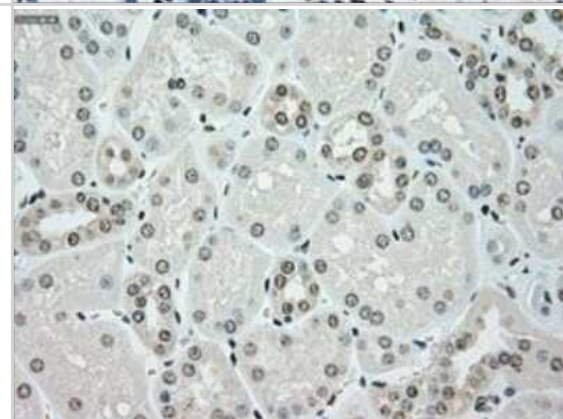
Immunohistochemistry-Paraffin: Chk2 Antibody (OTI5C4) [NBP1-47695]
- Staining of paraffin-embedded Human breast tissue using anti-Chk2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Chk2 Antibody (OTI5C4) [NBP1-47695]
- Staining of paraffin-embedded Human colon tissue using anti-Chk2 mouse monoclonal antibody.



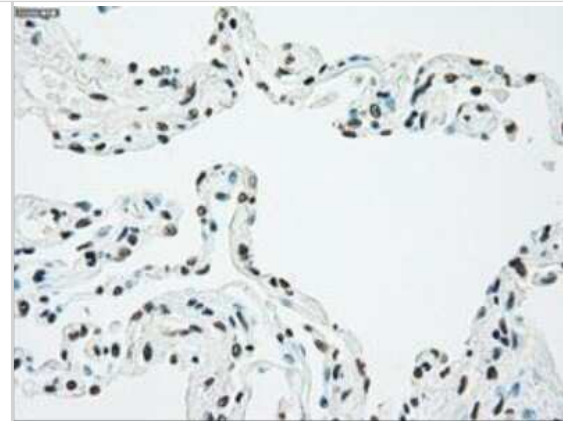
Immunohistochemistry-Paraffin: Chk2 Antibody (OTI5C4) [NBP1-47695]
- Staining of paraffin-embedded Human Kidney tissue using anti-Chk2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Chk2 Antibody (OTI5C4) [NBP1-47695]
- Staining of paraffin-embedded Human liver tissue using anti-Chk2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Chk2 Antibody (OTI5C4) [NBP1-47695]
- Staining of paraffin-embedded Human lung tissue using anti-Chk2
mouse monoclonal antibody.





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Products Related to NBP1-47695

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-90024PEP	Chk2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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