

Product Datasheet

Chk2 Antibody (73C175.1.1) - BSA Free NB100-56546

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-56546

Chk2 Antibody (73C175.1.1) - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	73C175.1.1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS containing 0.2% gelatin

Product Description

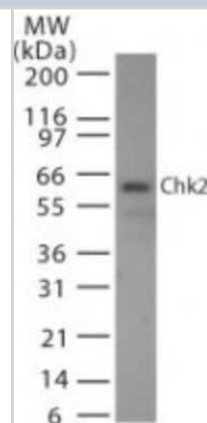
Host	Mouse
Gene ID	11200
Gene Symbol	CHEK2
Species	Human, Mouse
Immunogen	A portion of amino acids 100-150 of human Chk2 protein was used as immunogen for this antibody.

Product Application Details

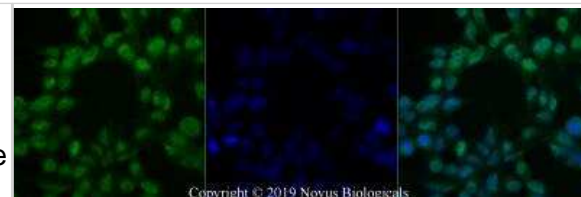
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 2 ug/ml, Flow Cytometry 1-5 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 2-5 ug/ml, Immunohistochemistry-Paraffin

Images

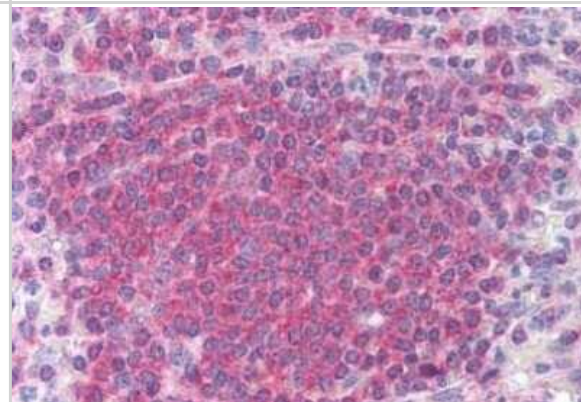
Western Blot: Chk2 Antibody (73C175.1.1) [NB100-56546] - Western Blot: Chk2 Antibody (73C175.1.1) - Azide Free [NBP2-27403] - analysis of Chk2 in 293 cell lysate. A protein band of approximate molecular weight of 60-62 kDa is detected with Chk2 antibody at 2 ug/ml. Image using the Azide Free form of this antibody.



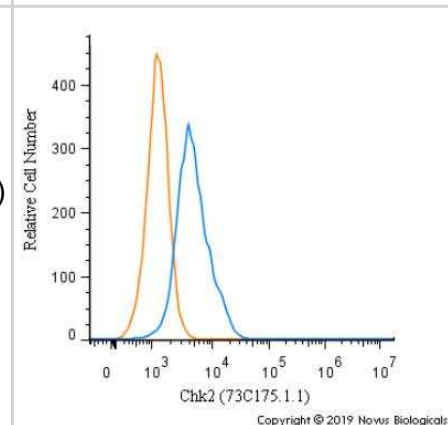
Immunocytochemistry/Immunofluorescence: Chk2 Antibody (73C175.1.1) [NB100-56546] - Hek293 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton-X100. The cells were incubated with anti-Chk2 (73C175.1.1) at 5 ug/ml overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



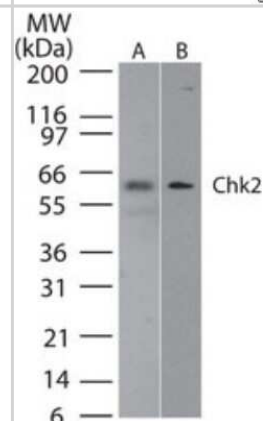
Immunohistochemistry-Paraffin: Chk2 Antibody (73C175.1.1) [NB100-56546] - Staining of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



Flow Cytometry: Chk2 Antibody (73C175.1.1) [NB100-56546] - An intracellular stain was performed on Hek293 cells with Chk2 [73C175.1.1] Antibody NB100-56546 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature, followed by Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Dylight 550.



Western Blot: Chk2 Antibody (73C175.1.1) [NB100-56546] - analysis of Chk2 in A) human HEK293 and B) mouse NIH3T3 lysate using Chk2 antibody at 2 ug/ml.





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Products Related to NB100-56546

NBL1-09147	Chk2 Overexpression Lysate
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)

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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