

Product Datasheet

CDC2/CDK1 Antibody (SM01-44)

NBP2-67438

Unit Size: 100 ul

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

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NBP2-67438

CDC2/CDK1 Antibody (SM01-44)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SM01-44
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

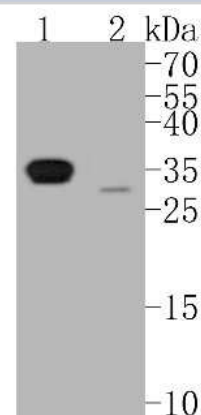
Host	Rabbit
Gene Symbol	CDK1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human CDC2/CDK1 aa 1-50 / 297. (SwissProt: P06493 Human; SwissProt: P11440 Mouse; SwissProt: P39951 Rat)

Product Application Details

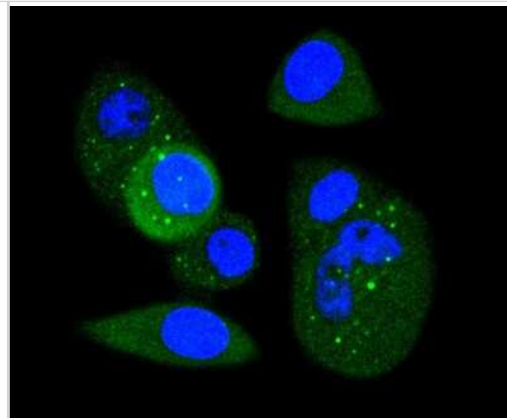
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

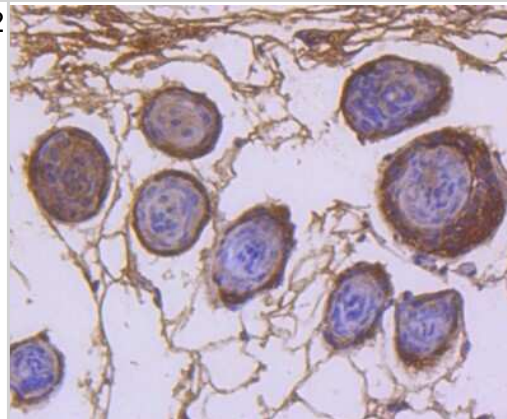
Western Blot: CDC2/CDK1 Antibody (SM01-44) [NBP2-67438] - Western blot analysis of CDC2/CDK1 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti



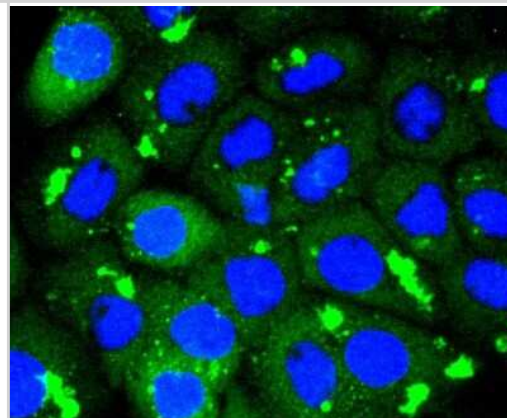
Immunocytochemistry/Immunofluorescence: CDC2/CDK1 Antibody (SM01-44) [NBP2-67438] - Staining CDK1 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



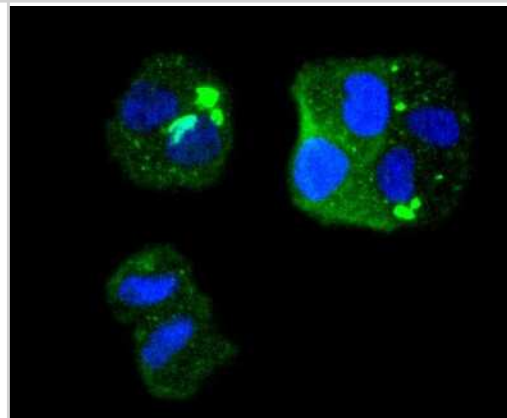
Immunohistochemistry-Paraffin: CDC2/CDK1 Antibody (SM01-44) [NBP2-67438] - Analysis of paraffin-embedded mouse skin tissue using anti-CDK1 antibody. Counter stained with hematoxylin.



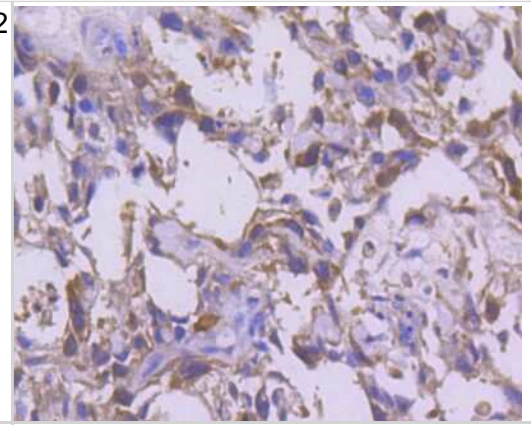
Immunocytochemistry/Immunofluorescence: CDC2/CDK1 Antibody (SM01-44) [NBP2-67438] - Staining CDK1 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



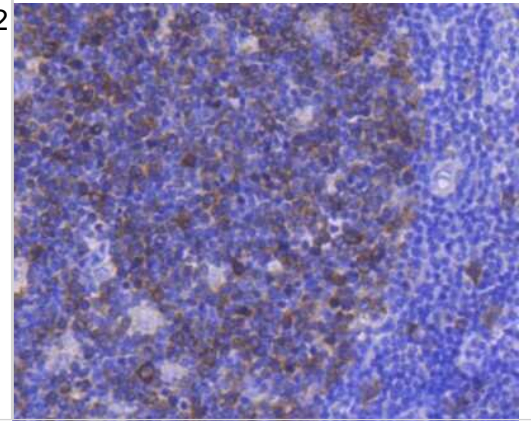
Immunocytochemistry/Immunofluorescence: CDC2/CDK1 Antibody (SM01-44) [NBP2-67438] - Staining CDK1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: CDC2/CDK1 Antibody (SM01-44) [NBP2-67438] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-CDK1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: CDC2/CDK1 Antibody (SM01-44) [NBP2-67438] - Analysis of paraffin-embedded human tonsil tissue using anti-CDK1 antibody. Counter stained with hematoxylin.





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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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