

Product Datasheet

CDK2 Antibody (CL7990) - BSA Free NBP2-88911

Unit Size: 100 ul

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

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NBP2-88911

CDK2 Antibody (CL7990) - BSA Free

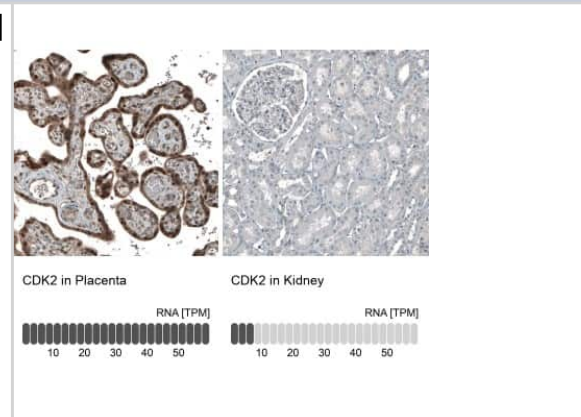
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL7990
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS, pH 7.2, containing 40% glycerol

Product Description	
Host	Mouse
Gene ID	1017
Gene Symbol	CDK2
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P24941, with the exact immunogen sequence remaining proprietary.

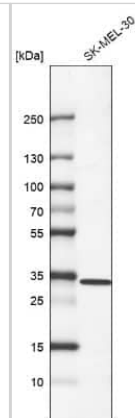
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

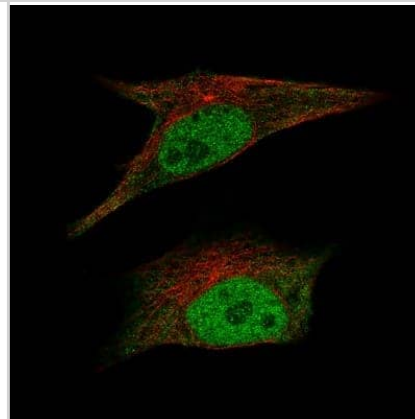
Immunohistochemistry-Paraffin: CDK2 Antibody (CL7990) [NBP2-88911] - Analysis in human placenta and kidney tissues using NBP2-88911 antibody. Corresponding CDK2 RNA-seq data are presented for the same tissues.



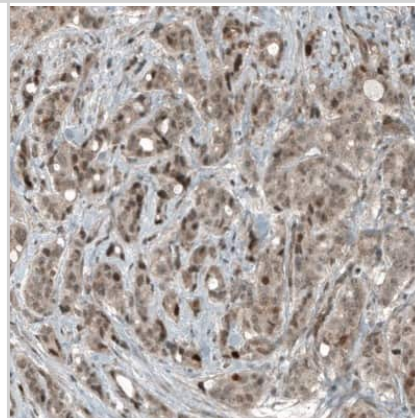
Western Blot: CDK2 Antibody (CL7990) [NBP2-88911] - Analysis in human cell line SK-MEL-30.



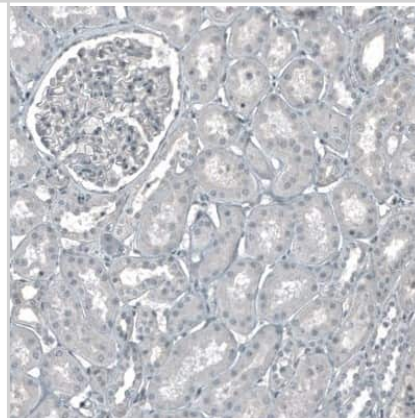
Immunocytochemistry/Immunofluorescence: CDK2 Antibody (CL7990) [NBP2-88911] - Staining of SK-MEL-30 cells using the Anti-CDK2 monoclonal antibody, showing specific staining in the nucleoplasm and cytosol in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



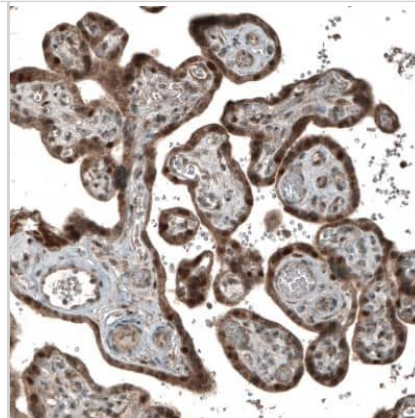
Immunohistochemistry-Paraffin: CDK2 Antibody (CL7990) [NBP2-88911] - Staining of human breast cancer shows moderate to strong nuclear positivity in tumor cells.



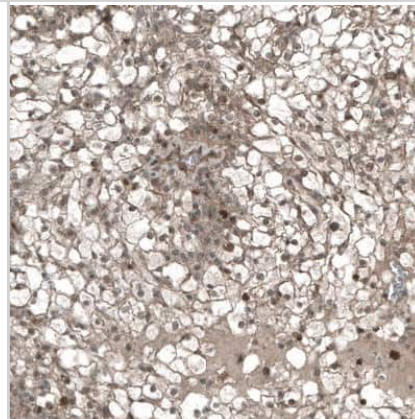
Immunohistochemistry-Paraffin: CDK2 Antibody (CL7990) [NBP2-88911] - Staining of human kidney shows no positivity in cells in tubules as expected.



Immunohistochemistry-Paraffin: CDK2 Antibody (CL7990) [NBP2-88911]
- Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: CDK2 Antibody (CL7990) [NBP2-88911]
- Staining of human renal cancer shows moderate to strong nuclear positivity in tumor cells.





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Products Related to NBP2-88911

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-72424-50ug	Recombinant Human CDK2 His Protein

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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