

Product Datasheet

CDK4 Antibody (DCS-31) NB120-6315

Unit Size: 0.25 ml

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

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NB120-6315

CDK4 Antibody (DCS-31)

Product Information

Unit Size	0.25 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	DCS-31
Preservative	0.9% Sodium Azide
Isotype	IgG2a
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	33 kDa

Product Description

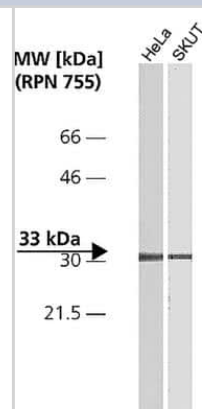
Host	Mouse
Gene ID	1019
Gene Symbol	CDK4
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	Reacts specifically with Cdk4. Does not recognize other Cdk types.
Immunogen	Recombinant human Cdk4 protein

Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Microarray
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500, Microarray
Application Notes	WB: recognizes a 33kD band, and it may pick up additional weaker bands, using a cultured human tumor cell line extract.

Images

Western Blot: CDK4 Antibody (DCS-31) [NB120-6315] - WB analysis of lysates from human HeLa and SKUT cells using CDK4 antibody (clone DCS-31).



Publications

Li K, Huang G, Wang Z et al. IKBIP, a novel glioblastoma biomarker, maintains abnormal proliferation of tumor cells by inhibiting the ubiquitination and degradation of CDK4 *Biochimica et biophysica acta*. *Molecular basis of disease* 2022-10-14 [PMID: 36244542]

Brookes S, Gargic S, Sanij E et al. Evidence for a CDK4-dependent checkpoint in a conditional model of cellular senescence *Cell Cycle*. 2015-02-19 [PMID: 25695870] (WB)





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Products Related to NB120-6315

NBL1-09039	CDK4 Overexpression Lysate
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)

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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