

Product datasheet

anti-Cyclin-Dependent Kinase 6 mouse monoclonal, DCS-83, lyophilized, purified

Short overview

Cat. No.	610103_1
Quantity	100 µg
Concentration	100 µg/ml after reconstitution with 1 ml dist. water

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	DCS-83
Immunogen	Human recombinant full-length cdk6 polypeptide
Formulation	Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09% sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
UniprotID	Q00534 (Human)
Synonym	Cyclin-dependent kinase 6, EC 2.7.11.22, Cell division protein kinase 6, Serine/threonine-protein kinase PLSTIRE, CDK6, CDKN6
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC, IP, WB
Reactivity	Human

Applications

Immunohistochemistry (IHC) - frozen	1:10
Immunohistochemistry (IHC) - paraffin	1:10 (microwave treatment recommended)
Immunoprecipitation (IP)	Assay dependent
Western Blot (WB)	Assay dependent

Background

The anti-Cyclin-Dependent Kinase 6 (Cdk6) monoclonal DCS-83 antibody reacts specifically with Cdk6 kinase, which can substitute for Cdk4. Cdk6 is highly expressed in some lymphoid tumor and sarcoma cell lines (ML-1 and U-2-OS resp.). Positive staining found in head and neck tumors.

Product images



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References

Publication	Species	Application
Lukas, C., Jensen, S. K., Bartkova, J., Lukas, J. & Bartek, J. Immunohistochemical analysis of the D-type cyclin-dependent kinases Cdk4 and Cdk6, using a series of monoclonal antibodies. Hybridoma 18, 225â€“34 (1999).	human,mouse	WB,ICC-IF,IP