

## Product datasheet

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

### Short overview

|                      |                                                               |
|----------------------|---------------------------------------------------------------|
| <b>Cat. No.</b>      | 610103                                                        |
| <b>Quantity</b>      | 100 µg                                                        |
| <b>Concentration</b> | 100 µg/ml after reconstitution with 1 ml dist. water (100 µg) |

### Product description

|                      |                                                                                                                               |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>          | Mouse                                                                                                                         |
| <b>Antibody Type</b> | Monoclonal                                                                                                                    |
| <b>Isotype</b>       | IgG1                                                                                                                          |
| <b>Clone</b>         | DCS-83                                                                                                                        |
| <b>Immunogen</b>     | Human recombinant full-length cdk6 polypeptide                                                                                |
| <b>Formulation</b>   | Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09% sodium azide, 0.5% BSA in PBS buffer, pH 7.4)    |
| <b>UniprotID</b>     | Q00534 (Human)                                                                                                                |
| <b>Synonym</b>       | Cyclin-dependent kinase 6, EC 2.7.11.22, Cell division protein kinase 6, Serine/threonine-protein kinase PLSTIRE, CDK6, CDKN6 |
| <b>Conjugate</b>     | Unconjugated                                                                                                                  |
| <b>Purification</b>  | Affinity chromatography                                                                                                       |
| <b>Intended use</b>  | Research use only                                                                                                             |
| <b>Application</b>   | IHC, IP, WB                                                                                                                   |
| <b>Reactivity</b>    | Human                                                                                                                         |

### 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  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| <a href="#">Lukas, C., Jensen, S. K., Bartkova, J., Lukas, J. &amp; 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).</a> | human,mouse | WB,ICC-IF,IP |