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## Product Datasheet

### Mouse anti E-Cadherin / Cadherin-1, IgG2b, Clone: [MB2], Monoclonal NMB-MUB0300P

|                          |                                                                                                                                                                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Mouse anti E-Cadherin / Cadherin-1, IgG2b, Clone: [MB2], Monoclonal                                                                                                                                                                                                        |
| Artikelnummer            | NMB-MUB0300P                                                                                                                                                                                                                                                               |
| Hersteller Artikelnummer | MUB0300P                                                                                                                                                                                                                                                                   |
| Alternativnummer         | NMB-MUB0300P                                                                                                                                                                                                                                                               |
| Hersteller               | NordicMubio                                                                                                                                                                                                                                                                |
| Wirt                     | Mouse                                                                                                                                                                                                                                                                      |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                                 |
| Applikation              | FC, ICC, IHC-Fr, WB                                                                                                                                                                                                                                                        |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                                      |
| Produktbeschreibung      | Cadherins constitute a family of transmembrane glycoproteins involved in Ca <sup>2+</sup> -dependent cell-cell interactions. The members of this family are differentially expressed in various tissues. They function in the maintenance of tissue integrity and morph... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                                 |
| Klon-Bezeichnung         | [MB2]                                                                                                                                                                                                                                                                      |
| Isotyp                   | IgG2b                                                                                                                                                                                                                                                                      |
| UniProt                  | <a href="#">P12830</a>                                                                                                                                                                                                                                                     |
| Puffer                   | Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.                                                                                                                                                                       |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quelle                 | MB2 is a Mouse monoclonal IgG2b antibody derived by fusion of NS0 Mouse myeloma cells with spleen cells from a BALB/c Mouse immunized with MCF-7/AZ cells expressing E-cadherin at their cell surface.                                                                                                                                                                                                                                                                                                                                |
| Formel                 | Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Anwendungsbeschreibung | MB2 is useful for flow cytometry, immunoblotting, immunocytochemistry on fixed cells (methanol fixation) and immunohistochemistry on frozen tissues when using a PBS buffer containing 0.1 mM CaCl <sub>2</sub> and 0.1 mM MgCl <sub>2</sub> . Optimal antibody dilution should be determined by titration, recommended range is 1:100 - 1:200 for flow cytometry and for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent and 1:100 - 1:1000 for immunoblotting applications. |