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## Product Datasheet

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

Article Name	Mouse anti E-Cadherin / Cadherin-1, IgG2b, Clone: [MB2], Monoclonal
Biozol Catalog Number	NMB-MUB0300P
Supplier Catalog Number	MUB0300P
Alternative Catalog Number	NMB-MUB0300P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC, ICC, IHC-Fr, WB
Species Reactivity	Human
Product Description	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...
Clonality	Monoclonal
Clone Designation	[MB2]
Isotype	IgG2b
UniProt	<a href="#">P12830</a>
Buffer	Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.

Source	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.
Formula	Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.
Application Notes	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.