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Product Datasheet

Mouse anti Collagen Type IV, IgG1, Clone: [1043], Monoclonal NMB-MUB0337P

Article Name	Mouse anti Collagen Type IV, IgG1, Clone: [1043], Monoclonal
Biozol Catalog Number	NMB-MUB0337P
Supplier Catalog Number	MUB0337P
Alternative Catalog Number	NMB-MUB0337P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC, IHC-Fr, IHC-P, WB
Species Reactivity	Human
Product Description	The extent of expression of the basement membrane component type IV collagen may be correlated with the degree of differentiation of basement membrane producing neoplasma. Neoplastic cells of invasive carcinomas often lack a continuous basement membr...
Clonality	Monoclonal
Clone Designation	[1043]
Isotype	IgG1
UniProt	P08572
Buffer	Each vial contains 100 ul 1mg/ml of purified monoclonal antibody in PBS containing 0.09% sodium azide

Source	1043 is a mouse monoclonal IgG1 antibody derived by fusion of Sp 2/0 mouse myeloma cells with spleen cells from a BABL/c mouse immunized with purified human type IV collagen. The immunogen has been isolated from human placenta.
Formula	Each vial contains 100 ul 1mg/ml of purified monoclonal antibody in PBS containing 0.09% sodium azide
Application Notes	1043 is useful for immunoblotting, immunocytochemistry on fixed cells (methanol fixation) and immunohistochemistry on frozen tissues when using a PBS buffer containing 0.1 mM CaCl ₂ and 0.1 mM MgCl ₂ . For immunohistochemistry on paraffin sections the sections should be pretreated with 1 mg/ml pepsin in 0.01 N HCl for 30 minutes at room temperature. Optimal antibody dilution should be determined by titration, 1:50 - 1:100 for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent, and 1:100 - 1:1000 for immunoblotting applications.