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Product Datasheet

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

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| 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 |

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| 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. |