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Product Datasheet

Mouse anti Carcinoembryonic Antigen / CEA, IgG1, Clone: [PARLAM 4], Monoclonal NMB-MUB0332P

Article Name	Mouse anti Carcinoembryonic Antigen / CEA, IgG1, Clone: [PARLAM 4], Monoclonal
Biozol Catalog Number	NMB-MUB0332P
Supplier Catalog Number	MUB0332P
Alternative Catalog Number	NMB-MUB0332P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC, ICC, IHC-Fr, IHC-P, WB
Species Reactivity	Human
Product Description	This monoclonal antibody is reactive with Human carcinoembryonic antigen (CEA), a tumour associated antigen with oncofetal characteristics. Although CEA can be found in tissues of non-neoplastic diseases and normal epithelia, it occurs also in a larg...
Clonality	Monoclonal
Clone Designation	[PARLAM 4]
Isotype	IgG1
UniProt	P06731
Buffer	Each vial contains 100 ul 1 mg/ml purified antibody in PBS containing 0.09% sodium azide.

Source	PARLAM 4 is a mouse monoclonal IgG1 antibody derived by fusion of Sp 2/0 Ag 14 Mouse myeloma cells with spleen cells from a BABL/c Mouse immunized with isolated Human CEA. The immunogen has been isolated from Human colonic carcinoma cells.
Application Notes	PARLAM 4 is useful for flow cytometry, immunoblotting, immunocytochemistry on methanol fixed cells and immunohistochemistry on frozen tissues when using a PBS buffer containing 0.1 mM CaCl ₂ and 0.1 mM MgCl ₂ . The antibody is also reactive in formalin-fixed and paraffin-embedded tissue sections after treatment with citrate buffer pH 6.0 in an autoclave. Human colon carcinoma tissue is used as positive control. Optimal antibody dilution should be determined by titration, we recommend a 1:25 - 1:100 dilution for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent, and 1:100 - 1:500 for immunoblotting application.