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Product Datasheet

Mouse anti PSMA, IgG1, Clone: [107.1A4], Monoclonal NMB-MUB1510P

Article Name	Mouse anti PSMA, IgG1, Clone: [107.1A4], Monoclonal
Biozol Catalog Number	NMB-MUB1510P
Supplier Catalog Number	MUB1510P
Alternative Catalog Number	NMB-MUB1510P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	ELISA, FC, ICC, IHC-Fr, IHC-P
Species Reactivity	Human
Product Description	Prostate specific antigen (PSA) is the most widely used marker of prostate cancer. Immunoassays for PSA using monoclonal (MAb) or polyclonal antibodies have clinical applications, such as monitoring and early detection of prostate cancer. However, PS...
Clonality	Monoclonal
Clone Designation	[107.1A4]
Isotype	IgG1
Buffer	Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.

Source	107.1A4 is a Mouse monoclonal IgG1/k antibody derived by fusion of SP2/0-Ag14 Mouse myeloma cells with spleen cells from an immunized Mouse, using a two-phase immunization protocol involving the prostate cancer cell line LNCaP.
Formula	Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.
Application Notes	MAb 107-1A4 could not be used in Western blot, is useful for immunohistochemistry on frozen and paraffin-embedded tissues, immunocytochemistry, flow cytometry and ELISA. Optimal antibody dilution should be determined by titration, recommended range is 1:100 - 1:1000 for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent.