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Product Datasheet

EpCAM/CD326, IgG1, Clone: [HEA125], Mouse, Monoclonal NMB-MUB2061P

Article Name	EpCAM/CD326, IgG1, Clone: [HEA125], Mouse, Monoclonal
Biozol Catalog Number	NMB-MUB2061P
Supplier Catalog Number	MUB2061P
Alternative Catalog Number	NMB-MUB2061P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	ELISA, FC, IF, IHC
Species Reactivity	Human
Immunogen	Viable HT-29 human colon carcinoma cell line
Product Description	Ep-CAM is a 34 kD glycoprotein and can be detected at the basolateral membrane of the majority of epithelial tissues. It is intricately linked with the cadherin-catenin complex and hence the fundamental WNT pathway responsible for intracellular signa...
Clonality	Monoclonal
Concentration	1 mg/ml
Clone Designation	[HEA125]
Isotype	IgG1
UniProt	P16422

Buffer	Each vial contains 100µg 1mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.
Source	HEA125 is a mouse monoclonal IgG1 antibody derived by fusion of Ag8.653 mouse myeloma cells with splenocytes from a BALB/c mouse cells immunized with the HT-29 colon carcinoma cell line.
Purity	ProtG affinity chromatography
Application Notes	The HEA125 antibody is suitable for the detection of human EpCAM by Western blotting (under reducing and non-reducing conditions), flow cytometry and immunocytochemistry. The antibody is also suitable for the detection of human EpCAM by immunohistochemistry on frozen and paraffin embedded tissues. For the latter application, pre-treatment with pronase 0.1% or unmasking fluid C (Art. No. DE000) is recommended. Optimal antibody dilutions for the different applications should be determined by titration. For immunohistochemistry a dilution of 1:100 to 1:500 is recommended. The monoclonal antibody HEA125 shows a broad reactivity pattern with most human epithelial cells and epithelium derived tumours. It doesn't react with epidermal keratinocytes, parietal cells, hepatocytes, thymus cortical epithelium, myoepithelia, and non-epithelial tissues.