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## Product Datasheet

### Mouse anti Integrin alpha 5 (CD49e), IgG2b, Clone: [NKI-SAM-1], Monoclonal NMB-MUB0910P

Article Name	Mouse anti Integrin alpha 5 (CD49e), IgG2b, Clone: [NKI-SAM-1], Monoclonal
Biozol Catalog Number	NMB-MUB0910P
Supplier Catalog Number	MUB0910P
Alternative Catalog Number	NMB-MUB0910P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC, ICC, IHC-Fr, IP
Species Reactivity	Human, Primate
Product Description	Integrins are transmembrane glycoproteins that belong to the family of adhesion molecules. They promote interactions between cells and their environment, being both other cells or the extra- cellular matrix. Integrins are a family of heterodimeric me...
Clonality	Monoclonal
Clone Designation	[NKI-SAM-1]
Isotype	IgG2b
UniProt	<a href="#">P08648</a>
Buffer	Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.

Source	NKI-SAM-1 is a monoclonal antibody obtained by fusion of mouse myeloma cells with spleen cells from BALB/C mice immunized with U937 histiocytic lymphoma cells.
Formula	Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.
Application Notes	NKI-SAM-1 is suitable for flow cytometry (recommended range is 1:200 - 1:500, using 0.2-0.5 µg for 10 <sup>6</sup> cells) and can be used to determine the VLA-5 expression in peripheral blood monocytes and monocyte derived dendritic cells (see refs 2 and 3), B cells and B-cell precursors (ref. 4), and in the less pathogenic yeast <i>Candida</i> species (ref. 5). NKI-SAM-1 can also be applied in immunohisto-chemistry on frozen tissues, immunocytochemistry and immunoprecipitation. Optimal antibody dilution should be determined by titration.