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## Product Datasheet

### **Mouse anti Human CD54, conjugated with Biotin, IgG2b, Clone: [D3.6], Monoclonal NMB-0543**

Article Name	Mouse anti Human CD54, conjugated with Biotin, IgG2b, Clone: [D3.6], Monoclonal
Biozol Catalog Number	NMB-0543
Supplier Catalog Number	0543
Alternative Catalog Number	NMB-0543
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC
Species Reactivity	Human
Immunogen	CD54=Derived from the hybridization of mouse NS-1 myeloma cells with spleen cells from BALB/c mice immunized with the major histocompatibility complex (MHC) class II-negative human b-lymphoblastoid cell line 6.16c13
Conjugation	Biotin
Product Description	CD54, M.W. 90,000, antigen is the Intercellular Adhesion Molecule-1 (ICAM-1) and is the ligand for LFA-1 mediated adhesion. CD54 is weakly expressed on peripheral blood leukocytes. Upon activation the antigen is expressed strongly on B cells, T cells...
Clonality	Monoclonal
Concentration	Titered for flow cytometry

Clone Designation	[D3.6]
Isotype	IgG2b
UniProt	<a href="#">P05362</a>
Buffer	Provided as solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein
Purity	Protein A/G Chromatography
Form	Biotin
Formula	Provided as solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein
Application Notes	<p>PBMC: Add 10 µl of MAB/10<sup>6</sup> PBMC in 100 µl PBS. Mix gently and incubate for 15 minutes at 2 to 8 C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze.</p> <p>WHOLE BLOOD: Add 10 µl of MAB/100 µl of whole blood. Mix gently and incubate for 15 minutes at room temperature 20 C. Lyse the whole blood. Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturers instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.</p>