

**MONOCLONAL ANTIBODY TO
HUMAN FIBRONECTIN RECEPTOR**
clone NKI-SAM1



Catalog nr	HM2126 (lot number and expiry date are indicated on the label)
Description	Fibronectin receptor, also designated VLA-5, is a 130/150 kDa protein. The protein functions as a receptor for fibronectin and mediates binding of B and T lymphocytes to fibronectin. Fibronectin is an extracellular matrix glycoprotein that functions in cell adhesion and migration in wound healing, embryonic development and malignant transformation. The fibronectin receptor is expressed on monocytes and monocytoid cell lines, leukocytes, memory T cells, fibroblasts, platelets and muscle cells.
Species	Mouse IgG _{2b}
Formulation	1 ml (100 µg/ml) 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.
Application	The antibody can be used for flow cytometry. Furthermore the antibody is useful for immunohistology on frozen sections.
Use	For immunohistology and flow cytometry dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.
Storage and stability	Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.
Precautions	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and Federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result with the use of or derivation of this product.
References	<ol style="list-style-type: none">te Velde, A et al; Modulation of phenotypic and functional properties of human peripheral blood monocytes by IL-4. <i>J Immunol</i> 1988, <i>140</i>: 1548Danen, E et al; Requirement for the synergy site for cell adhesion to fibronectin depends on the activation state of Integrin alpha(5)beta(1). <i>Americ. Soc for Biochem and Mol Biol</i> 1995, <i>270</i>: 21612
Also available	HM2033 Monoclonal antibody against Human beta(3) Integrin, clone BV7 HM2034 Monoclonal antibody against Human alpha(v)beta(3) Integrin, clone BV3 HM2035 Monoclonal antibody against Human alpha(v)beta(3) Integrin, clone BV4