



	Technical Data Sheet	
Product	Anti-Ms CD49e FITC	
Cat. Number/Size	1F-743-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD49e	
Clone	5H10-27 (MFR5)	
Format	FITC	
Reactivity	Mouse	
Application	FC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml.	
Excitation laser	blue (488 nm)	
Isotype	Rat IgG2a kappa	
Specificity	The rat monoclonal antibody 5H10-27 (MFR5) recognizes an extracellular epitope of murine CD49e, a 135 kDa protein serving as VLA-5 alpha chain, expressed on thymocytes, activated T cells, splenic B cells, and mast cells.	
Other names	ITGA5, VLA-5 alpha, FNRA	
Immunogen	C57BL/6 x A/J)F1 murine mast cell line	
Entrez Gene ID	16402	
Gene name	Itga5	
NCBI Full Gene Name	integrin alpha 5	
UniProt ID	P11688	
Concentration	0.5 mg/ml	
Preparation	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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