



	Technical Data Sheet	
Product	Anti-Hu CD157 FITC	
Cat. Number/Size	1F-136-T025	25 tests
	1F-136-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD157	
Clone	SY11B5	
Format	FITC	
Reactivity	Non-human primates, Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody SY11B5 recognizes CD157, an approximately 45 kDa GPI-anchored extracellular protein expressed mainly on monocytes, macrophages, granulocytes and bone marrow stromal cells.	
Other names	BST1, cADPr hydrolase 2	
Workshop	HCDM listed	
Immunogen	Human CD157	
Entrez Gene ID	683	
Gene name	BST1	
NCBI Full Gene Name	bone marrow stromal cell antigen 1	
UniProt ID	Q10588	
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	Stabilizing 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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