

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.**

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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 <sup>6</sup> 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

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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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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