

Technical Data Sheet

Product

**Anti-Hu CD135 PE**

Cat. Number/Size

**1P-587-T025**

**25 tests**

**1P-587-T100**

**100 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

Antigen	CD135
Clone	BV10A4
Format	PE
Reactivity	Human
Negative species	Mouse
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody BV10A4 (BV10) reacts with an extracellular epitope of CD135 (FLT3, FLK2, STK-1), a 130-160 kDa type I transmembrane receptor tyrosine kinase that is involved in early steps of hematopoiesis.
Other names	FLT3, FLK2, STK1
Immunogen	BV-173 leukemic cell line
Entrez Gene ID	2322
Gene name	FLT3
NCBI Full Gene Name	fms related tyrosine kinase 3
UniProt ID	P36888

Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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](http://www.exbio.cz)

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