

Technical Data Sheet

Product

Anti-Hu CD135 APC

Cat. Number/Size

1A-587-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

| | |
|---------------------|--|
| Antigen | CD135 |
| Clone | BV10A4 |
| Format | APC |
| Reactivity | Human |
| Negative species | Mouse |
| Application | FC (QC tested) |
| Application details | Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. |
| Excitation laser | red (633 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 activated allophycocyanin (APC) 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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