

Technical Data Sheet

Product

**Anti-Hu CD133 APC**

Cat. Number/Size

**1A-819-T100**

**100 tests**

**For Research Use Only.**

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

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Antigen	CD133
Clone	W6B3C1
Format	APC
Reactivity	Human
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 <sup>6</sup> 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 W6B3C1 recognizes the extracellular glycosylated epitope 1 on human CD133 (CD133/1), a 120 kDa glycoprotein of prominin family, expressed e.g. on progenitor cells. This antibody is important for identification of stem cells and tumor cells.
Other names	Prominin 1, PROM1, AC133, PROML1, STGD4
Workshop	HLDA VII Workshop
Immunogen	WERI-RB-1 retinoblastoma cell line
Entrez Gene ID	8842
Gene name	PROM1
NCBI Full Gene Name	prominin 1
UniProt ID	O43490

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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.

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

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