

Technical Data Sheet

Product

Anti-Hu CD1b PE

Cat. Number/Size

1P-761-T025

25 tests

1P-761-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD1b
Clone	SN13
Format	PE
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 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1 kappa
Specificity	The mouse monoclonal antibody SN13 (also known as K5-1B8) recognizes an extracellular epitope of CD1b, a 44 kDa type I glycoprotein associated with beta2-microglobulin. It is expressed on dendritic cells, Langerhans cells, thymocytes, and T acute lymphoblastic leukemia cells.
Other names	R1
Workshop	HCDM listed
Immunogen	A cell membrane antigen preparation that was isolated from normal human thymocytes
Entrez Gene ID	910
Gene name	CD1B
NCBI Full Gene Name	CD1b molecule
UniProt ID	P29016

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

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