

Technical Data Sheet

Product	<b>Anti-HLA-C PE</b>
Cat. Number/Size	<b>1P-896-T100</b> <b>100 tests</b>
	<b>For Research Use Only.</b>
	<b>Not for use in diagnostic or therapeutic procedures.</b>
Antigen	HLA-C
Clone	DT-9
Format	PE
Reactivity	Non-human primates, 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	blue (488 nm)
Isotype	Mouse IgG2b
Specificity	The mouse monoclonal antibody DT-9 recognizes an extracellular epitope on HLA-C member of MHC class I molecules. It does not crossreact with HLA-A or HLA-B allotypes.
Other names	HLC-C, D6S204, PSORS1, HLA-JY3
Immunogen	Purified MHC class I molecules of tamarin origin
Entrez Gene ID	3107
Gene name	HLA-C
NCBI Full Gene Name	major histocompatibility complex, class I, C
UniProt ID	P10321
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	<a href="http://www.exbio.cz">www.exbio.cz</a>

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