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30-2522: Anti-HLA-ABCE PE (Clone : TP25.99SF)

Clonality :	Monoclonal
Clone Name :	TP25.99SF
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Isotype :	Mouse IgG1
Immunogen Information :	IFN-gamma-treated human melanoma cells Colo 38

Description

HLA-class I major histocompatibility (MHC) antigens are intrinsic membrane glycoproteins expressed on nucleated cells and noncovalently associated with an invariant beta2 microglobulin. They carry foreign determinants important for immune recognition by cytotoxic T cells, thus important for anti-viral and anti-tumour defence. Classical human HLA-class I antigens are represented by HLA-A, HLA-B and HLA-C molecules, the non-classical by e.g. HLA-E, HLA-G.
Specificity : The mouse monoclonal antibody TP25.99SF recognizes an extracellular epitope on HLA-ABC and HLA-E molecules, but not HLA-G. It can be used for discrimination between HLA-G and other HLA-class I antigens.

Product Info

Amount :	0.1 mg
Purification :	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Content :	0.1 mg/ml Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

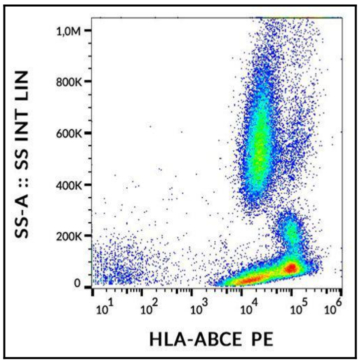

Figure 1 : Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human HLA-ABCE (TP25.99SF) PE.