

Technical Data Sheet

Product	Anti-HLA Class I PE	
Cat. Number/Size	1P-363-C025	0.025 mg
	1P-363-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	HLA Class I
Clone	MEM-123
Format	PE
Reactivity	Cow, Human, Non-human primates
Application	FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 2-4 µg/ml.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG3
Specificity	The antibody MEM-123 reacts with an extracellular epitope of all human classical MHC Class I molecules (major histocompatibility complex) in native cell-surface forms as well as with human HLA-G cDNA transfected cells. MHC Class I molecules (MHC Class Ia) are expressed on the surface of all human cell types. The antibody MEM-123 completely blocks binding of classical W6/32 to surface-expressed HLA-G, but does not cross-blocks the antibody MEM-G/9.
Immunogen	COS-7 African green monkey kidney cells

Concentration	0.1 mg/ml
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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