



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