



	Technical Data Sheet	
Product	<b>Anti-HLA Class I Purified</b>	
Cat. Number/Size	<b>11-242-C025</b>	<b>0.025 mg</b>
	<b>11-242-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-147	
Format	Purified	
Reactivity	Human	
Application	FC (QC tested), IP, WB	
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml. Western blotting: Non-reducing conditions.	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-147 reacts with an extracellular epitope of all human classical MHC Class I molecules in native cell-surface forms (e.g. it recognizes native HLA-A2 in cytofluorometry and immunoprecipitation but not in Western blotting). MHC Class I molecules (MHC Class Ia) are expressed on the surface of all human nucleated cell types. The antibody MEM-147 is positive in Western blotting (non-reducing conditions) only with most HLA-B and HLA-C molecules, but not HLA-A. Reactivity is very similar to the classical antibody W6/32.	
Immunogen	PHA-activated peripheral blood lymphocytes	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>	

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