

Technical Data Sheet

Product

**Anti-HLA Class I Purified**

Cat. Number/Size

**11-242-C025**

**0.025 mg**

**11-242-C100**

**0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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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

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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.

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Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>
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