



11-363-M001

Monoclonal Antibody to HLA-Class I Purified Antibody (1.0 mg)

Clone:	MEM-123
Isotype:	Mouse IgG3
Specificity:	<p>The antibody MEM-123 reacts with 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.</p> <p>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.</p>
Immunogen:	COS-7 African green monkey kidney cells
Species Reactivity:	Human, Non-Human Primates, Bovine
Application:	Flow Cytometry Recommended dilution: 4 µg/ml Immunoprecipitation ELISA
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified from ascites by protein-A affinity chromatography.
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability:	Store at 2-8°C. Do not use after expiration date stamped on vial label. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.
Expiration:	See vial label
Lot Number:	See vial label
Background:	<p>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. Human HLA-class I antigens are represented by HLA-A, HLA-B and HLA-C molecules.</p>
References:	Unpublished.

For laboratory research only, not for drug, diagnostic or other use.