



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Purified Mouse Anti-HLA-Class I Monoclonal Antibody

**CLX100AP**  
**Lot: 520266**

**Clone:** MEM-123

**Isotype:** Mouse IgG3

**Specificity:** 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. 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.

**Regulatory Status:** RUO

**Immunogen:** COS-7 African green monkey kidney cells

**Species Reactivity:** Human, Non-Human Primates, Bovine

**Concentration:** 1 mg/ml

**Purification:** Purified from hybridoma culture supernatant by protein A-affinity chromatography.

**Purity:** > 95% (by SDS-PAGE)

**Application:** **Flow Cytometry**  
Recommended dilution: 4 µg/ml  
**Immunoprecipitation**  
**ELISA**

**Storage Buffer:** Tris buffered saline (TBS) with 15 mM sodium azide, approx. pH 8.0

**Storage / Stability:** Store at 2-8°C. Do not freeze. Do not use after expiration date on vial label.

*Continued...*

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**Background:**

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.

**Laboratory Reagent For Research Use Only**

BA 04/28/14