



# SZABO SCANDIC

Part of Europa Biosite

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Laborgeräte & Service

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### SZABO-SCANDIC HandelsgmbH

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# TECHNICALLY Speaking

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## Purified Mouse Anti-Human CD44 Monoclonal Antibody

**CLX46AP**

**Lot:**

**Size:** 0.1 mg

**Clone:** MEM-85

**Isotype:** Mouse IgG2b

**Specificity:** The antibody MEM-85 reacts with both cell surface-expressed and soluble form of CD44 antigen (Phagocyte glycoprotein 1), an 80-95 kDa transmembrane glycoprotein (hyaladherin family) present on the most of cells and tissues (leukocytes, endothelial cells, mesenchymal cells, etc.); it is negative on platelets and hepatocytes.

**HLDA IV; WS Code NL 706**

HLDA VI; WS Code AS Ref.15

**Immunogen:** Leukocytes of a patient suffering from LGL Type Leukaemia.

**Species Reactivity:** Human

**Application:** **Flow Cytometry**  
**Immunoprecipitation**  
**Western Blotting**  
*Recommended dilution:* 2 mg/ml, 60 min on vertical incubator  
*Positive control:* Kg-1a human leukemia cell lysate  
*Sample preparation:* Lysis buffer with Laurylmaltoside (1%)  
*Application note:* Non-reducing conditions. SDS-PAGE (6% separating gel).  
**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.

Continued Overleaf...

For more information or to place an order please contact...

**CEDARLANE®**  
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**References:**

- Leukocyte Typing IV., Knapp W. et al. (Eds.), Oxford University Press (1989).
- Leukocyte Typing VI., Kishimoto T. et al. (Eds.), Garland Publishing Inc. (1997).

*This product is made available in collaboration with Exbio Praha a.s.*

**Laboratory Reagent For Research Use Only**

JV 09/04/07