



# SZABO SCANDIC

Part of Europa Biosite

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Diagnostik & molekulare Diagnostik



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### SZABO-SCANDIC HandelsgmbH

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# TECHNICALLY *Speaking*

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Please contact CEDARLANE® for lot specific information.

## Purified Mouse anti-Human CD42b Monoclonal Antibody

**CLX44AP**

**Lot:** UPI1002

**Size:** 0.1 mg

**Isotype:** Mouse IgG1

**Specificity:** The antibody HIP1 reacts with CD42b (GPIIb), a 135-145 kDa membrane glycoprotein expressed on platelets and megakaryocytes. CD42b and CD42c (GPIIb) are composed in a disulfide linked heterodimer (CD42b/c; 160 kDa); CD42b/c forms a noncovalent complex with CD42a and CD42d.  
**HLDA IV; WS Code P 40**

**Immunogen:** Peripheral blood mononuclear cells of a patient suffering with CLL.

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

**Application:** **Flow Cytometry**  
**Immunohistochemistry (frozen sections)**  
**Functional Application**  
The antibody inhibits the ristocetin-dependent binding of von Willebrand Factor (vWF) to platelets and ristocetin-induced platelet agglutination.

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

**Purification:** Purified from ascites by protein-G 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...

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**Background:** The CD42a-d complex acts as a receptor for Von Willebrand factor and thrombin.

**References:** \*Leucocyte Typing IV. Knapp W et al. (Eds.), Oxford University Press (1989).

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