



**BMA BIOMEDICALS**

BMA BIOMEDICALS  
Rheinstrasse 28-32  
CH-4302 Augst (Switzerland)  
Phone: ++41 61 811 6222  
Fax: ++41 61 811 6006  
info@bma.ch  
www.bma.ch

---

## **Monoclonal Antibody To Human CD15**

### **Marker For Human Granulocytes, Monocytes**

CD15 is a carbohydrate antigen expressed mainly on mature granulocytes and monocytes. CD15 is also called Lewis X, X-hapten, lacto-N-fucopentaose III or stage-specific embryonic antigen (SSEA). The reactivity is preferentially with granulocytes and to a lesser degree with monocytes. CD15 is expressed on immature bone marrow cells and leukaemic cells of the myelo-monocytic lineage, and sometimes on lymphocytic leukaemia cells. VIM-C6 facilitates the differentiation of granulocytes from other blood cells. It is also useful for phenotyping cell subpopulations in myeloid leukaemia and for enrichment or elimination of myeloid cells.

---

<b>Product Number:</b>	T-1002 (Lot 01PO9202)
<b>Clone:</b>	VIM-C6
<b>Host species, isotype:</b>	Mouse IgM
<b>Quantity:</b>	100µg
<b>Format:</b>	Purified, lyophilized
	Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.2mg/ml IgM, phosphate buffered saline pH 7.2 (PBS), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.02% sodium azide as a preservative.
<b>Stability:</b>	Original vial: 1 year at 4° - 8°C Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
<b>Applications:</b>	Tested for immunohistochemistry (IHC) and ELISA. <b>Approximate working dilution for IHC:</b> Frozen sections: 1µg/ml (1:200) Paraffin sections: not tested. Optimal dilutions should be determined by the end user. Suggested positive control: Human tonsil. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Human granulocytes.
<b>Antigen, epitope:</b>	The antigen is CD15, the epitope has not further been investigated.
<b>Specificity:</b>	<b>Human:</b> granulocytes, monocytes. <b>Other:</b> not tested

---

### **Selected references**

Stockinger, H. et. al.: Exposure by desialylation of myeloid antigens on acute lymphoblastic leukemia cells. J. Natl. Cancer Inst. 73: 7-11 (1984)

CD 15 workshop in "Leucocyte Typing IV", (Vienna 1989), Oxford University Press, (W. Knapp, B. Doeken, W.R. Gilks, E.P. Riebar, R.E. Schmidt, H. Stein & A.E.G.Kr. von dem Borne eds).

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.