

# Monoclonal Mouse Antibody to Human Myeloid Cell, CD33

## Description:

Immunogen:	Leukaemia cells from a patient with acute myeloid leukaemia.
Clone:	WM-54.
Isotype:	IgG1, Kappa.
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as preservative.
Specificity:	This antibody reacts with a 45 kD glycoprotein present on the surface of mature monocytes. It stains monocytes, granulocytes and bone marrow mononuclear cells. This antibody is useful for identification of normal and neoplastic cells of myeloid origin.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:20-1:50 in an immunohistochemistry application. However, depending on the staining conditions employed, we suggest that final dilution should be determined by the user.

**Uses/Limitations:** Immunohistochemistry  
For Research Use Only.  
Do not use past expiration date.

**Storage:** 2-8° Centigrade.

**Procedure:** We suggest an incubation period of 30-60 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. This antibody is not suitable for fixed paraffin sections. It is recommended only for frozen sections.

**Precautions:** Contains Sodium Azide as a preservative.  
Do not pipette by mouth.

**References:**

- i) Favaloro et al. Disease Markers 5: 215, 1987.
- ii) Griffin et al. Leukaemia Res 8: 521, 1984.
- iii) Favaloro et al. Br J haematol 69: 163, 1988.