

Monoclonal Mouse Antibody to Human Monocyte, CD14

Description:

Clone:	TÜK4.
Isotype:	IgG2a, Kappa.
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as preservative.
Specificity:	This antibody reacts with a 55 kD single chain glycoprotein present on the surface of monocyte and macrophages as well as granulocytes, dendritic reticulum cells and Langerhans cells. It stains more than 95% of monocytes and granulocytes in peripheral blood and bone marrow.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:10-1:20 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) Haziot et al. J Immunol 141: 547, 1988.
- ii) McMichael eds. Leucocyte Typing III. Oxford, New York, Tokyo: Oxford University Press, 1987.
- iii) Simmons et al. Blood 73: 284, 1989.
- iv) Goyert et al. Science 239: 497, 1988.