anti-human CD17

The antibody MEM-74 recognizes CD17, a membrane lipid moiety lactosylceramide expressed on granulocytes, monocytes and platelets.
The antibody MEM-74 agglutinates neuraminidase-treated erythrocytes of blood group p.

CD17, lactosylceramide, is an ubiquitous glycosphingolipid with uncharged disaccharide headgroup, highly enriched in lipid raft-derived structures. Besides playing a pivotal role in the biosynthesis of complex glycosphingilipids, lactosylceramide is involved in cell-cell and cell-matrix interactions and in signaling events linked to cell differentiation, development, apoptosis and oncogenesis. Lactosylceramide regulates integrin functions and production of nitric oxide. Its expression defines successive stages in the maturation of myeloid cells.

Clone:	MEM-74
Isotype:	Mouse IgM
Physical state:	Purified from ascites by gel filtration and precipitation methods.
Purity:	> 95% (by SDS-PAGE)
Buffer:	PBS with 15 mM sodium azide (pH 7.4)
Storage Instruction:	Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.
Application:	Flow Cytometry, Agglutination
Reference:	Leucocyte Typing IV. Knapp W et al. (Eds.), Oxford University Press (1989)
Quantity:	0.1 mg
Order N°:	H12149

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32).

This material is offered for **research only**. Not for use in human. For in vitro use only.
EuroBioSciences will not be held responsible for patent infringement or other violations that may occur with the use of our products.

EuroBioSciences GmbH
www.eurobiosciences.com
Phone: +49 (0) 4491-9387804, Fax: +49 (0) 4491-9387805
E-Mail: info@eurobiosciences.com