anti-human CD14 APC-conjugated

The 18D11 antibody recognizes the CD14 antigen (LPS receptor) expressed strongly on the surface of monocytes, weakly on the surface of granulocytes, macrophages, dendritic cells and B-cells. On flow cytometry it stains > 90% of human peripheral blood monocytes.
The antibody is LPS neutralising.

CD14 is a 55 kDa GPI-anchored glycoprotein, constitutively expressed on the surface of mature monocytes, macrophages, and neutrophils, where serves as a multifunctional lipopolysaccharide receptor; it is also released to the serum both as a secreted and enzymatically cleaved GPI-anchored form. CD14 binds lipopolysaccharide molecule in a reaction catalyzed by lipopolysaccharide-binding protein (LBP), an acute phase serum protein. The soluble sCD14 is able to discriminate slight structural differences between lipopolysaccharides and is important for neutralization of serum allochthonous lipopolysaccharides by reconstituted lipoprotein particles. CD14 affects allergic, inflammatory and infectious processes

Clone:	18D11
Isotype:	Mouse IgG1
Physical state:	Liquid for direct use
Form:	purified antibody conjugated with cross-linked Allophycocyanin (APC)
Buffer:	PBS containing 1% BSA and 0.1% sodium azide (pH 7.4)
Storage:	Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.
Application:	Flow Cytometry
Reference:	D. Mason, D. et al. (eds), Leucocyte Typing 7, in press, Oxford University Press, Oxford, U.K., 2002
Quantity:	1.0 ml
Order N°:	H12414A

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