



Datasheet for ABIN2704177
anti-CD14 antibody (PerCP)



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2 Images

Overview

Quantity:	100 tests
Target:	CD14
Reactivity:	Human, Cynomolgus, Rhesus Monkey, Baboon
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD14 antibody is conjugated to PerCP
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Cultured human peripheral blood monocytes
Clone:	26ic
Isotype:	IgG2b kappa
Characteristics:	<p>The clone 26ic, a mouse monoclonal antibody, reacts with a human 53-55 kDa glycosylphosphatidylinositol (GPI)- anchored single chain cell surface antigen known as CD14. The CD14 expression is commonly observed on monocytes, interfollicular macrophages, reticular dendritic cells and some Langerhans cells. 26ic binds with a complex of LPS and lipopolysaccharide binding protein, and blockade of CD14 with monoclonal antibodies prevented the synthesis of TNF-alpha by LPS activated leukocytes.</p>
Purification:	Purified
Purity:	>95 %
Grade:	GMP Grade

Target Details

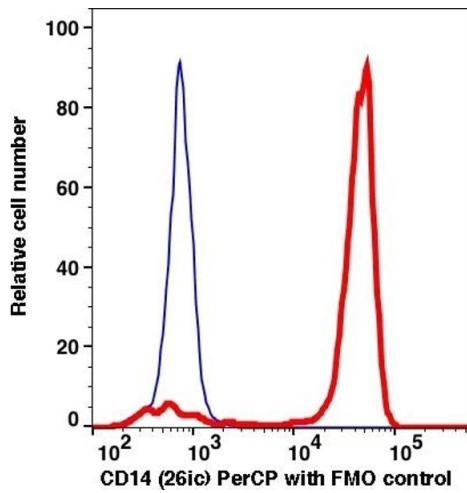
Target:	CD14
Alternative Name:	CD14 (CD14 Products)
Background:	<p>The clone 26ic, a mouse monoclonal antibody, reacts with a human 53-55 kDa glycosylphosphatidylinositol (GPI)- anchored single chain cell surface antigen known as CD14. The CD14 expression is commonly observed on monocytes, interfollicular macrophages, reticular dendritic cells and some Langerhans cells. 26ic binds with a complex of LPS and lipopolysaccharide binding protein, and blockade of CD14 with monoclonal antibodies prevented the synthesis of TNF-alpha by LPS activated leukocytes.</p>
NCBI Accession:	NM_000591
UniProt:	P08571
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Toll-Like Receptors Cascades

Application Details

Restrictions: For Research Use only

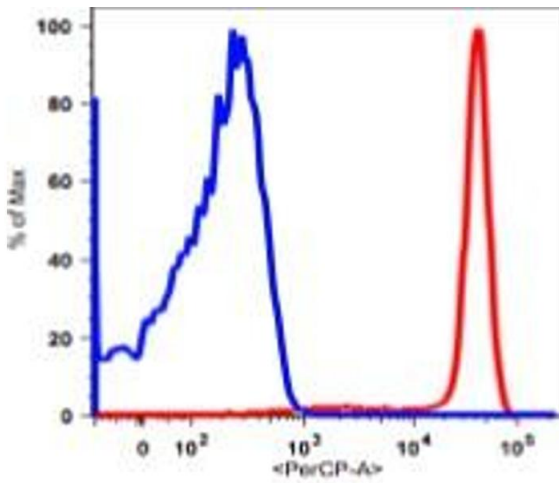
Handling

Format:	Liquid
Concentration:	12 µg/mL
Buffer:	PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C



Flow Cytometry

Image 1.



Flow Cytometry

Image 2. Monocytes gated PBMCs stained with PerCP conjugated anti-human CD14 (clone 26iC) (red histogram). Monocytes gated PBMCs stained with anti-human clone IgG2b PerCP (blue histogram)