

Rat anti-Mouse CD14 Monoclonal Antibody | anti-CD14 antibody

Anti-Mouse CD14 Monoclonal Antibody (PE Conjugated)

CATALOG # AAA174759	HOST Rat	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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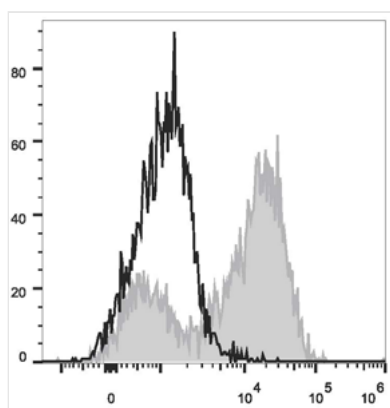
PRODUCT SYNONYMS

CD14; Monoclonal Antibody; Anti-Mouse CD14 Monoclonal Antibody (PE Conjugated); CD 14; Myeloid cell-specific leucine-rich glycoprotein; Monocyte differentiation antigen CD14; anti-CD14 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	Sa14-2
Form/Format	Liquid; Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant
Sequence Length	366
Applicable Applications for anti-CD14 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE
Note	Centrifuge before opening to ensure complete recovery of vial contents
Preparation and Storage	Store at 2~8°C and protect from prolonged exposure to light. Do not freeze. Keep as concentrated solution.

IMAGES



FCM/FACS (Flow Cytometry)

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 uL of the antibody per test (million cells in 100 uL staining volume or per 100 uL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. Mouse abdominal macrophages elicited by starch broth are stained with PE Anti-Mouse CD14 Antibody (filled gray histogram). Unstained macrophages (blank black histogram) are used as control.

ADDITIONAL INFORMATION

Related Product Information for anti-CD14 antibody	CD14 is a 53-55 kD glycosylphosphatidylinositol (GPI)-linked membrane glycoprotein also known as LPS receptor. CD14 is expressed on macrophages, dendritic cells, Kupffer cells, hepatocytes, and granulocytes. As a high-affinity receptor for LPS-LBP (LPS-binding protein) complex, CD14, in association with Toll-like Receptor 4 (TLR4) or 2 (TLR2), is involved in the clearance of gram-negative pathogens.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753332
NCBI GeneID	12475
NCBI Accession #	NP_033971.1
NCBI GenBank Nucleotide #	NP_033971.1
UniProt Accession #	P10810
NCBI Official Full Name	monocyte differentiation antigen CD14
NCBI Official Synonym Full Names	CD14 antigen
NCBI Official Symbol	Cd14
NCBI Protein Information	monocyte differentiation antigen CD14
UniProt Protein Name	Monocyte differentiation antigen CD14
UniProt Gene Name	Cd14
UniProt Entry Name	CD14_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd14-antibody-clone-sa14-2-flow-cytometry-elisa/174759>