

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

Anti-Mouse CD14 Monoclonal Antibody (PE Conjugated) [Sa14-2]

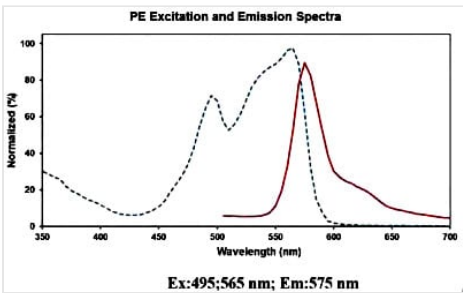
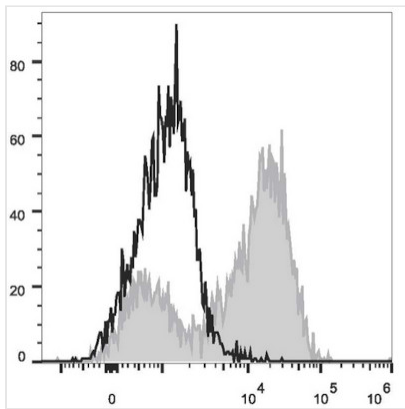
CATALOG # AAA174760	HOST Rat	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD14; Monoclonal Antibody; Anti-Mouse CD14 Monoclonal Antibody (PE Conjugated) [Sa14-2]; CD 14; Myeloid cell-specific leucine-rich glycoprotein; Monocyte differentiation antigen CD14; anti-CD14 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG2a, kappa
Clone Number	Sa14-2
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Concentration	0.2 mg/mL (varies by lot)
Sequence Length	366
Applicable Applications for anti-CD14 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE
Isotype Control	PE Rat IgG2a, ? Isotype Control[2A3]
Preparation and Storage	Shipping: Biological ice pack at 4 degree C Stability & Storage: Keep as concentrated solution. Store at 2~8 degree C and protected from prolonged exposure to light.Do not freeze. This product is guaranteed up to one year from purchase.



Fluorophore
Conjugation: PE

FCM/FACS (Flow Cytometry)
Mouse abdominal macrophages elicited by starch broth are stained with Anti-Mouse CD14 Monoclonal Antibody(PE Conjugated)(filled gray curve). Unstained macrophages (blank black curve) 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.