CD14 (Monocyte / Macrophage Marker) Antibody

Mouse Monoclonal Antibody [Clone LPSR/654]

Catalog No	Format	Size
929-MSM4-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
929-MSM4-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
929-MSM4-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

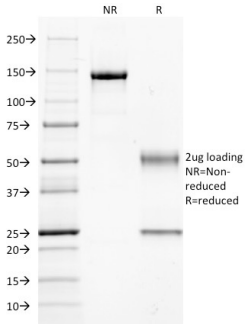
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details

Clone	LPSR/654
Gene Name	CD14
Immunogen	Recombinant full-length human LPSR protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	55kDa
Cellular Localization	Cell membrane, Golgi apparatus, Membrane raft, Secreted
Species Reactivity	Human
Positive Control	THP-1 cells and human monocytes. Lymph nodes and tonsils.

**Optimal dilution for a specific application should be determined.*

Product Images for CD14 (Monocyte / Macrophage Marker) Antibody



SDS-PAGE Analysis of Purified CD14 Mouse Monoclonal Antibody (LPSR/654). Confirmation of Integrity and Purity of Antibody.

Specificity & Comments

Recognizes a protein of 55kDa, identified as CD14 (also known lipopolysaccharide receptor). CD14 is expressed strongly on monocytes and macrophage and weakly on the surface of neutrophils. CD14 is anchored to cells by linkage to glycosylphosphatidylinositol (GPI) and functions as a high affinity receptor for complexes of LPS and LPS binding protein (LBP). Soluble CD14, also binding to LPS, acts at physiological concentration as an LPS agonist and has, at higher concentrations, an LPS antagonizing effect in cell activation.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Apoptosis, B Cell Markers, Cardiovascular, Dendritic Cell Marker, Hematopoietic Stem Cells, Immunology, Infectious Disease, MAPK Signaling, Mesenchymal Stem Cell Differentiation

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.