



Mouse Monoclonal Antibody to CD14

Cat. No. SGA20020 **Package Size:** 50ul , 100ul

Product Attribute

Aliases	CD14
Host/Isotype	Mouse IgG1
Species Reactivity	Human
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Purification	Purified
Immunogen	Purified recombinant fragment of human CD14 expressed in E. Coli.
Noted	For research use only

Applications

Recommended dilution

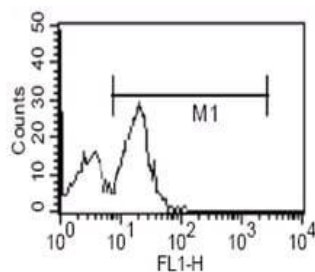
ELISA	1/10000
WB	
ICC	
IHC	1/200 - 1/1000

Description

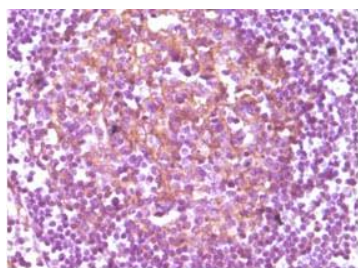
CD14 antigen is a GPI-linked glycoprotein with a molecular weight of 55kD. The CD14 antigen is expressed on cells of the myelomonocytic lineage including monocytes, macrophages and Langerhans cells. Low expression is observed on neutrophils and on human B cells. CD14 antigen is a receptor for bacterial lipopolysaccharide (LPS, endotoxin) and the lipopolysaccharide binding protein (LBP). LBP and CD14 antigen serves two physiological roles. These proteins act as opsonin and opsonic receptor, respectively, to promote the phagocytic uptake of bacteria or LPS-coated particles by macrophages.



Application:



Flow cytometric analysis of human PBMC using CD14 mouse mAb.



Immunohistochemical analysis of paraffin-embedded human lymphnode, showing membrane localization using CD14 mouse mAb with DAB staining.

If you have technical questions about our products, please email us at tech@sinogeneclon.com to have all of your questions answered.