Product Datasheet

PE/GenieFluor 594 Anti-Human CD14 Antibody [M5E2]
Catalogue Code: AGEL3156

Antibody Data

Product SKU:	**AGEL3156**	**Clone:**	**M5E2**
Applications:	**FCM**		
Reactivity:	**Human**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

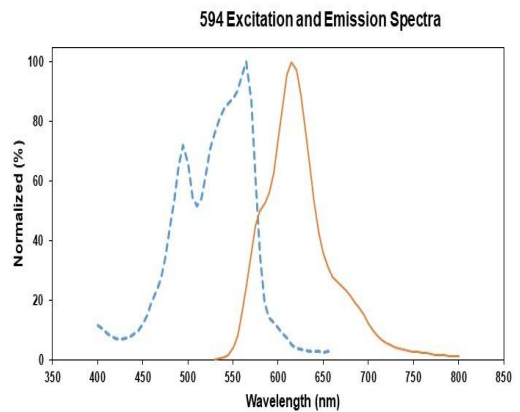|	
Alternate Names:	Monocyte differentiation antigen CD14;CD14;Myeloid cell-specific leucine-rich glycoprotein;
Uniprot ID:	P08571
Background:	CD14 is a 53-55 kD glycosylphosphatidylinositol (GPI)-linked membrane glycoprotein also known as LPS receptor. CD14 is expressed at high levels on monocytes and macrophages, and at lower levels on granulocytes. Some dendritic cell populations such as interfollicular dendritic cells, reticular dendritic cells, and Langerhans cells have also been reported to express CD14. As a high-affinity receptor for LPS, CD14 is involved in the clearance of gram-negative pathogens, and in the upregulation of adhesion molecules and expression of cytokines in monocytes and neutrophils.
Form:	Liquid
Conjugation:	PE/Genie Fluor594
Size:	20 Tests, 100 Tests, 200 Tests
Host Species:	Mouse
Isotype:	Mouse IgG2a, κ

594 Excitation and Emission Spectra

Isotype Control:	PE/Genie Fluor 594 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product AGEL3156]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping:	Biological ice pack at 4℃

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

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 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.