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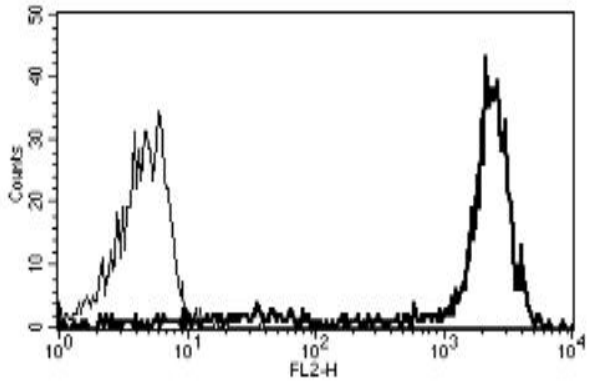
CD14
Mouse Anti-Human CD14 (Clone 8G3) Biotin mAb

Catalog No.	CDM447	**Quantity:**	100 tests
Alternate Names:	CD14 antigen, monocyte differentiation antigen CD14		
Description:	The mouse monoclonal antibody recognizes human CD14, a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide (LPS).		
Gene ID:	929		
Conjugate:	Biotin		
Specificity:	Recognizes the lipopolysaccharide receptor (LPS R), a 55 kDa protein.		
Host:	Mouse		
Isotype:	IgG2a		
Immunogen:	Monocytes		
Clone:	8G3		
Formulation:	Lyophilized from PBS + 1% BSA + 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Reconstitution:	Reconstitute with 1 ml sterile deionized water.		
Applications:	Flow Cytometry		
Application Notes:	Use 10 µl to label 10^6 cells or 100 µl of whole blood. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable at 2-8°C for 6 months after reconstitution. For longer storage, freeze aliquots -20 to -80°C. **Avoid repeated freeze-thaw cycles.**		

A typical staining pattern with the 8G3 monoclonal antibody of monocytes.



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