

Mouse anti-Human CD64, PE Conjugated mAb

Catalog No: #28198

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

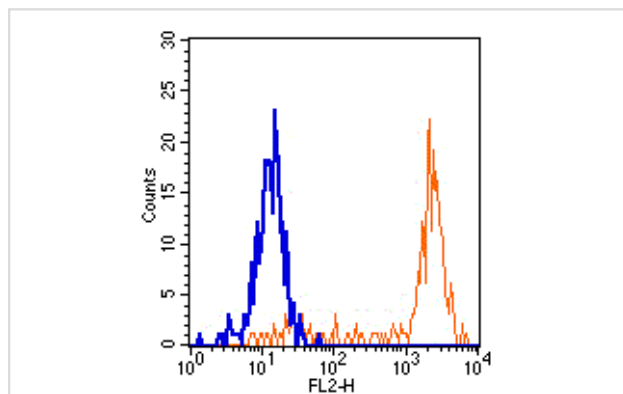
Product Name	Mouse anti-Human CD64, PE Conjugated mAb
Host Species	Mouse
Clonality	Monoclonal
Clone No.	CT101
Isotype	IgG1
Applications	FC
Species Reactivity	Hu
Conjugates	PE
Target Name	CD64
Formulation	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Storage	Store at 4°C. DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

Application Details

Vol.per.Test: 10 &mu;l/Test

Notice: This reagent has been pre-diluted for use at recommended volume per test in flow cytometry analysis. Typically add 10ul of this reagent to 100μl of experimental sample with 1 X 10⁶ cells per test. Please refer to the detailed protocol when you perform a test.

Images



Human peripheral blood monocytes analyzed with PE CD64 mAb

Background

CT101 reacts with high affinity receptor for IgG (FcγRI), a 75 kDa type 1 transmembrane glycoprotein. CD64 is expressed on monocytes and macrophages but not on lymphocytes or resting granulocytes. CD64 play a role in phagocytosis, and antibody dependent cellular cytotoxicity (ADCC). It also participates in cytokine and superoxide release.

1. Ledbetter, J et al. (1981) J Exp Med 153:310-323.
2. Haynes, B et al. (1986) Leukocyte Typing II: Human T lymphocytes. New York: Sprimger-Verlag; 3-30.
3. Clevers H et al. (1988). Ann Rev Immunol 6: 629-662.
4. Barclay, N et al. (1993). The Leucocyte Factsbook. Academic Press. San Diego.

Note: This product is for in vitro research use only