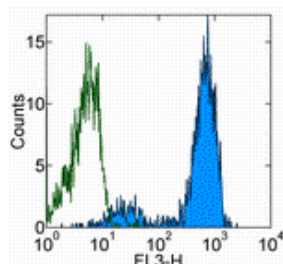


## Anti-Human CD14 PerCP-Cyanine5.5

Catalog Number: 45-0149

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal human peripheral blood cells with staining buffer (autofluorescence) (open histogram) or Anti-Human CD14 PerCP-Cyanine5.5 (filled histogram). Cells in the monocyte gate were used for analysis.

### Product Information

**Contents:** Anti-Human CD14 PerCP-Cyanine5.5

**REF** **Catalog Number:** 45-0149

**Clone:** 61D3

**Concentration:** 5  $\mu$ L (0.5  $\mu$ g)/test

**Host/Isotype:** Mouse IgG1, kappa

**HLDA Workshop:** V MA085

**Formulation:** aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



**Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material.



**Batch Code:** Refer to Vial



**Use By:** Refer to Vial



**Caution, contains Azide**

### Description

The 61D3 monoclonal antibody reacts with human CD14, a 53-55 kDa GPI-linked glycoprotein. CD14 is expressed on monocytes, interfollicular macrophages and some dendritic cells. Complexes of LPS and LBP (LPS-Binding Protein) bind with high affinity to monocytes through the surface CD14.

### Applications Reported

This 61D3 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

This 61D3 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 20  $\mu$ L (0.5  $\mu$ g) per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ L. Cell number should be determined empirically but can range from  $10^5$  to  $10^8$  cells/test.

### References

Fadok VA, Warner ML, Bratton DL, Henson PM. CD36 is required for phagocytosis of apoptotic cells by human macrophages that use either a phosphatidylserine receptor or the vitronectin receptor ( $\alpha$  v  $\beta$  3). *J Immunol* 1998 Dec 1;161(11):6250-7.

Kishimoto, T., A.E.G., von dem Borne, et al. eds. 1998 *Leucocyte Typing VI: White Cell Differentiation Antigens*. Garland Publishing Inc. London.

Schlossman, S., L. Bloumsell, et al. eds 1995. *Leucocyte Typing V: White Cell Differentiation Antigens*. Oxford University Press. New York.

### Related Products

45-4714 Mouse IgG1 K Isotype Control PerCP-Cyanine5.5 (P3.6.2.8.1)

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