

## Datasheet

### CD14 monoclonal antibody, clone 61D3 (PE/Cy5.5)

**Catalog Number:** MAB6045

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against native CD14.

**Clone Name:** 61D3

**Immunogen:** Native purified from human peripheral blood mononuclear cells.

**Host:** Mouse

**Reactivity:** Human

**Applications:** Flow Cyt, IHC-Fr, IP  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** Specificity human CD14

**Form:** Liquid

**Conjugation:** PE/Cy5.5

**Isotype:** IgG1

**Recommend Usage:** Flow Cytometry (10 ul/10<sup>6</sup> cells)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.09% sodium azide)

**Storage Instruction:** Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 929

**Gene Symbol:** CD14

**Gene Alias:** -

**Gene Summary:** CD14 is a surface protein preferentially expressed on monocytes/macrophages. It binds lipopolysaccharide binding protein and recently has been shown to bind apoptotic cells. Alternative splicing results in multiple transcript variants encoding the same isoform. [provided by RefSeq]

**References:**

1. Expression of the CD15 differentiation antigen (3-fucosyl-N-acetyl-lactosamine, LeX) on putative neutrophil adhesion molecules CR3 and NCA-160. Stocks SC, Albrechtsen M, Kerr MA. Biochem J. 1990 Jun 1;268(2):275-80.