

Datasheet

CD14 monoclonal antibody, clone MEM-15 (PE-DyLight™594)

Catalog Number: MAB10232

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against of CD14.

Clone Name: MEM-15

Immunogen: A crude mixture of human urinary proteins precipitated by ammonium sulphate from the urine of a patient suffering from proteinuria.

Host: Mouse

Theoretical MW (kDa): 53-55

Reactivity: Human, Non-Human Primates

Applications: Flow Cyt, 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: CD14, GPI
(glycosylphosphatidylinositol)-linked membrane glycoprotein expressed on monocytes, macrophages and weakly on granulocytes; also expressed by most tissue macrophages.

The antibody also reacts with soluble forms of CD14 found in serum and in the urine of some nephrotic patients.

Form: Liquid

Conjugation: PE-DyLight™594

Purification: Size-exclusion chromatography purification

Isotype: IgG1

Recommend Usage: Flow Cytometry (10 µL reagent/100 µL of whole blood or 10⁶ cells)
The optimal working dilution should be determined by

the end user.

Storage Buffer: In PBS (0.2% BSA, 0.09% sodium azide)

Storage Instruction: Store at 4°C. Do not freeze.

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]