

CD14 monoclonal antibody

Catalog: BS66231M

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

CD14 is a leucine-rich repeat-containing pattern recognition receptor with expression largely restricted to the monocyte/macrophage cell lineage. Research studies have shown that CD14 is a bacterial lipopolysaccharide (LPS) binding glycoprotein, expressed as either a GPI-linked membrane protein or a soluble plasma protein. LPS induces an upregulation of GPI-linked CD14 expression, which facilitates TLR4 signaling and macrophage activation in response to bacterial infection. The 61D3 antibody is widely used to identify cells of the monocyte/macrophage lineage.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 40 kDa

Swiss-Prot:

P08571

Purification&Purity:

The monoclonal antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC-P: 1:100~1:200

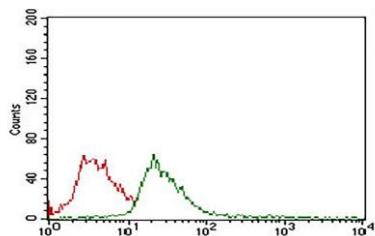
FC: 1:50~1:100

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CD14 monoclonal antibody detects endogenous levels of CD14 protein.

DATA:

Flow cytometric analysis of Jurkat cells stained with CD14 antibody (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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