

**CD14 (PTR1376) recombinant mouse mAb**

<b>Catalog No :</b>	YM4671
<b>Reactivity :</b>	Human
<b>Applications :</b>	FCM;ELISA
<b>Target :</b>	CD14
<b>Gene Name :</b>	CD14
<b>Protein Name :</b>	Monocyte differentiation antigen CD14 (Myeloid cell-specific leucine-rich glycoprotein) (CD antigen CD14) [Cleaved into: Monocyte differentiation antigen CD14, urinary form; Monocyte differentiation a
<b>Human Gene Id :</b>	929
<b>Human Swiss Prot No :</b>	P08571
<b>Immunogen :</b>	Purified recombinant Human CD14
<b>Specificity :</b>	This recombinant monoclonal antibody can detects endogenous levels of CD14 protein.
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Monoclonal,Mouse,IgG1,kappa
<b>Dilution :</b>	ELISA 1:5000-100000;FCM 1-2µg/Test
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Concentration :</b>	Please check the information on the tube
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Background :</b>	The protein encoded byThis gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide. Alternative

splicing results in multiple transcript variants encoding the same protein.  
[provided by RefSeq, Mar 2010]

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**Function :**

Cooperates with MD-2 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Up-regulates cell surface molecules, including adhesion molecules.,online information:CD14 entry,similarity:Contains 11 LRR (leucine-rich) repeats.,subunit:Belongs to the lipopolysaccharide (LPS) receptor, a multi-protein complex containing at least CD14, MD-2 and TLR4.,tissue specificity:Expressed strongly on the surface of monocytes and weakly on the surface of granulocytes; also expressed by most tissue macrophages.,

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**Subcellular Location :**

Cell membrane ; Lipid-anchor, GPI-anchor . Secreted . Membrane raft . Golgi apparatus . Secreted forms may arise by cleavage of the GPI anchor. .

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**Expression :**

Detected on macrophages (at protein level) (PubMed:1698311). Expressed strongly on the surface of monocytes and weakly on the surface of granulocytes; also expressed by most tissue macrophages.

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## Products Images