Recombinant DGRmAb®

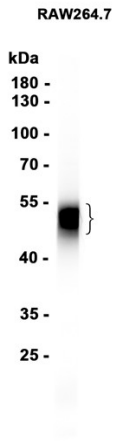
CD14 (DGR15445) Rabbit mAb

db15053 **Package : 10μL 20μL 50μL 100μL**

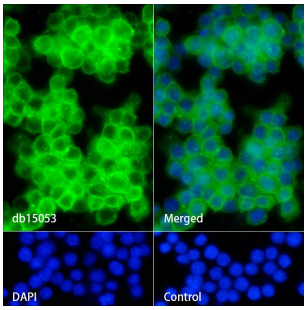
Product Name : CD14 (DGR15445) Rabbit mAb
Cat.No.: db15053
Synonyms : Myeloid cell-specific leucine-rich glycoprotein
Application : WB, ICC/IF, FC, IP
Reactivity : Mouse
Host species : Rabbit

Background	This gene encodes a protein that plays an important role in the innate immune response and is expressed in monocyte/macrophage cells. This gene product acts as a co-receptor that binds several microbial and fungal molecules, including lipopolysaccharides (LPS). This proteins LPS-binding activity is enhanced by the LPS binding protein (LBP) to allow binding to the TLR4-MD-2 co-receptor complex. The product of this gene is found in two forms, either as a soluble protein or attached to the cell surface by a glycosylphosphatidylinositol anchor. [provided by RefSeq, Jul 2014]
Immunogen	Recombinant protein of mouse CD14
Gene ID	12475
Swiss Prot	P10810
Synonyms	Myeloid cell-specific leucine-rich glycoprotein
Reactivity	Mouse
Application	WB, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 ICC/IF: 1:500-1:1000 FC: 1:200-1:500 IP: 1:20-1:50
Calculated MW	39 kDa
Observed MW	45-52 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR15445

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from RAW264.7 cells using db15053 at 1:1000.



Immunofluorescence analysis of RAW 264.7 cells labelling CD14 with db15053.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15053 (1:500) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.