Recombinant DGRmAb®

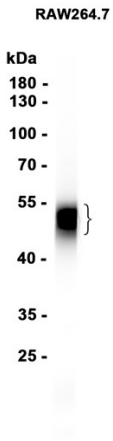
CD14 (DGR15445) Rabbit mAb (PBS Only)

db15053-PBS **Package : 10μg 100μg**

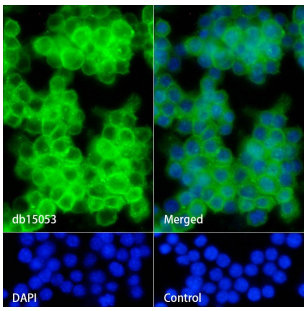
Product Name : CD14 (DGR15445) Rabbit mAb (PBS Only)
Cat.No.: db15053-PBS
Synonyms : Myeloid cell-specific leucine-rich glycoprotein
Application : WB, ICC/IF, FC, IP
Reactivity : Mouse
Host species : Rabbit

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
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

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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.