bs-20795R **[Primary Antibody]**

CD14 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 12475

Target: CD14

Immunogen: KLH conjugated synthetic peptide derived from mouse CD14: 241-300/366.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this 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]

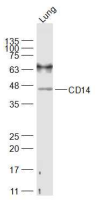
Applications: **WB** (1:500-2000)
Flow-Cyt (1ug/Test)

Reactivity: Human, Mouse (predicted: Rat)

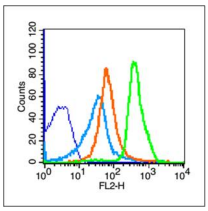
Predicted MW.: 35/40 kDa

Subcellular Location: Cell membrane

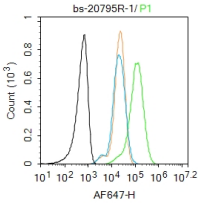
VALIDATION IMAGES



Sample: Lung (Mouse) Lysate at 40 ug Primary: Anti-CD14 (bs-20795R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 35/40 kD Observed band size: 42 kD



Blank control (blue line): Mouse thymus cells (fixed with 70% methanol (Overnight at 4°C)). Primary Antibody (green line): Rabbit Anti-CD14 antibody (bs-20795R),Dilution: 3μg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE,Dilution: 1μg /test.



Blank control: Raw264.7. Primary Antibody (green line): Rabbit Anti-CD14 antibody (bs-20795R) Dilution: 1μg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF647 Dilution: 1μg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 0.1% PBST for 20 min at room temperature.The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=4.8]** Hai-bo Liu. et al. Dispelling Dampness, Relieving Turbidity and Dredging Collaterals Decoction, Attenuates Potassium Oxonate-Induced Hyperuricemia in Rat Models. DRUG DES DEV THER. 2023 Aug 01 WB ;Rat. 37551408

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.