

bs-1192R

[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: 201-300/366.

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]

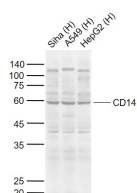
Applications: WB (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:100)
ELISA (1:5000-10000)

Reactivity: Human, Mouse

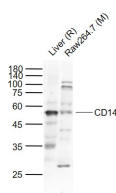
Predicted MW.: 35/40 kDa

Subcellular Location: Cell membrane

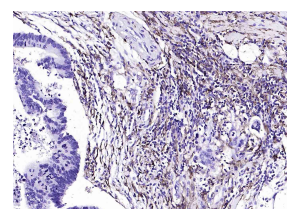
VALIDATION IMAGES



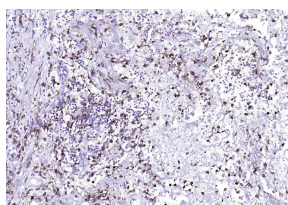
Sample: Lane 1: Human SiHa cell lysates Lane 2: Human A549 cell lysates Lane 3: Human HepG2 cell lysates Primary: Anti-CD14 (bs-1192R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 35/40 kD Observed band size: 59 kD



Sample: Lane 1: Liver (Rat) Lysate at 40 ug Lane 2: Raw264.7 (Mouse) Cell Lysate at 30 ug Primary: Anti-CD14 (bs-1192R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 54 kD Observed band size: 54 kD



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD14) Polyclonal Antibody, Unconjugated (bs-1192R) at 1:500 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human appendix); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD14) Polyclonal Antibody, Unconjugated (bs-1192R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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

4°C, followed by operating according to SP
Kit(Rabbit) (sp-0023) instructions and DAB
staining.

— SELECTED CITATIONS —

- **[IF=14.957]** Weiwei Xiao. et al. Recombinant DTβ4-inspired porous 3D vascular graft enhanced antithrombogenicity and recruited circulating CD93+/CD34+ cells for endothelialization. SCI ADV. 2022 Jul;8(28) IF ;Rat. 35857526
- **[IF=12.121]** Luca Muzio et al. Retromer stabilization results in neuroprotection in a model of Amyotrophic Lateral Sclerosis. Nat Commun . 2020 Jul 31;11(1):3848. WB ;mouse. 32737286
- **[IF=9.587]** Roseborough, A. D.. et al. Plasma derived extracellular vesicle biomarkers of microglia activation in an experimental stroke model. J NEUROINFLAMM. 2023 Dec;20(1):1-13 WB,IHC ;Rat. 36721258
- **[IF=7.81]** Chen, Yen - Ta, et al. "Melatonin Treatment further Improves Adipose - Derived Mesenchymal Stem Cell Therapy for Acute Interstitial Cystitis in Rat." Journal of Pineal Research (2014). IHC ;="Rat". 25132326
- **[IF=6.304]** Feng Y et al. Long noncoding RNA HOXA-AS2 functions as an oncogene by binding to EZH2 and suppressing LATS2 in acute myeloid leukemia (AML)Cell Death Dis.2020 Dec 2;11(12):1025. IHC ;Mouse. 33268767