bs-1192R

## [ Primary Antibody ]

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# CD14 Rabbit pAb

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)

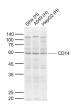
**IHC-P** (1:100-500) **IHC-F** (1:100-500) **IF** (1:100-500)

Reactivity: Human

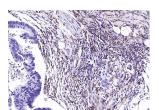
Predicted 35/40 kDa

Subcellular Cell membrane

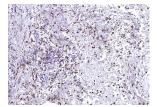
### VALIDATION IMAGES



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



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.

#### — 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 Muzioet 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

TS2 in acute myeloid leukemia (AML)Cell Death Dis.2020 Dec 2;11(12):1025. IHC ;Mouse. 33268767					