bsm-52556R

[Primary Antibody]

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CD14 Recombinant Rabbit mAb

DATASHEET -

Host: Rabbit Isotype: IgG Clonality: Recombinant CloneNo.: 31G4 GenelD: 929 **SWISS:** P08571

Target: CD14

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 (1:500-1000)

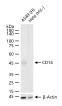
IHC-P (1:200-1000) **IHC-F** (1:200-1000) **IF** (1:200-1000)

Reactivity: Human

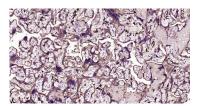
Predicted 52~55 kDa

Subcellular Location: Cell membrane

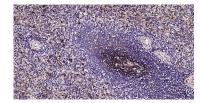
VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with CD14 monoclonal antibody, unconjugated (bsm-52556R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD14 Monoclonal Antibody, Unconjugated(bsm-52556R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD14 Monoclonal Antibody, Unconjugated(bsm-52556R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS –

- [IF=15.863] Li Chengnan. et al. Neutrophil-inspired photothermo-responsive drug delivery system for targeted treatment of bacterial infection and endotoxins neutralization. Biomaterials Research. 2023 Dec;27(1):1-16 WB; Human. 37061741
- [IF=4.169] Cho, Kyung-Ah. et al. Mesenchymal Stem Cell-Derived Exosomes Attenuate TLR7-Mediated Mast Cell Activation. 2021 Nov 18 IHC; Mouse. 34792754