bsm-55604R **[Primary Antibody]**

Mrc1 | Cd206 Recombinant Rabbit mAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 1C12
GeneID: 17533
SWISS: Q61830
Target: Mrc1 | Cd206
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 recognition of complex carbohydrate structures on glycoproteins is an important part of several biological processes, including cell-cell recognition, serum glycoprotein turnover, and neutralization of pathogens. The protein encoded by this gene is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages. The protein has been shown to bind high-mannose structures on the surface of potentially pathogenic viruses, bacteria, and fungi so that they can be neutralized by phagocytic engulfment. This gene is in close proximity to MRC1L1. The gene loci including this gene, MRC1L1, as well as LOC340843 and LOC340893, consist of two nearly identical, tandemly linked genomic regions, which are thought to be a part of a duplicated region. [provided by RefSeq].

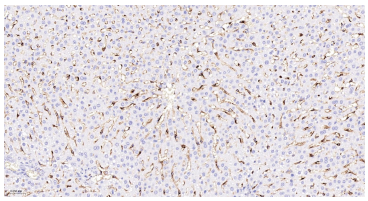
Applications: **IHC-P** (1:200-2000)
IHC-F (1:200-2000)
IF (1:200-2000)
ELISA (1:5000-10000)

Reactivity: Mouse, Rat

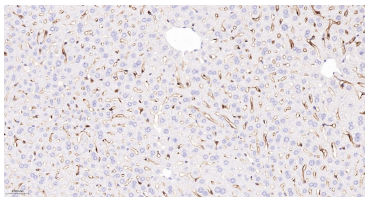
Predicted MW.: 160 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MRC1 | CD206 Monoclonal Antibody, Unconjugated (bsm-55604R) at 1:400 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MRC1 | CD206 Monoclonal Antibody, Unconjugated (bsm-55604R) at 1:400 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

SELECTED CITATIONS

- **[IF=21.3]** Liu Haoran. et al. A Bioflexible Janus Dressing with Unidirectional Drainage for Dynamic pH Monitoring, Exudate Management, and Immune Modulation in Diabetic Wound Healing. ADV FIBER MATER. 2026 Mar;:1-15 IHC ;Rat. 10.1007/s42765-025-00661-3
- **[IF=14.1]** Ying Cao. et al. Biofilm‐Binding Phages Enhance Biofilm Eradication by Synergistic Photothermal and Photodynamic Therapy. ADV SCI. 2026 Jul;:e23904 IF ;Mouse. 42418439
- **[IF=12.5]** Shifang Wen. et al. Nanomesh structured titanium dental implants enhance soft tissue sealing and osseointegration via macro-topography-driven mechanical interlocking. CHEM ENG J. 2026 Sep;544:179191 IF ;Mouse. 10.1016/j.cej.2026.179191

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

- **[IF=10.7]** Jiannan Zhou. et al. Mapping Immune-Inflammatory Niches on Zirconia Bone Implants: Single-Cell Transcriptomic Profiling. Research. 2026 Mar;9 WB,IF ;Rat. 41815528
- **[IF=9.6]** Tianci Zuo. et al. M2 Macrophage-derived Exosome Nanoplatform for Targeted H2S Delivery to Alleviate Hepatic Ischemia–Reperfusion Injury via Synergistic Anti-Oxidative, Anti-Inflammatory, and Anti-Ferroptotic Effects. ACTA BIOMATER. 2025 Dec;: IF ;Mouse. 41421632

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