

**bsm-60761R****[ Primary Antibody ]****MRC1 | CD206 Recombinant Rabbit mAb****Bioss**  
**ANTIBODIES**

www.bioss.com.cn

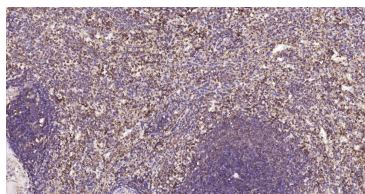
sales@bioss.com.cn

techsupport@bioss.com.cn

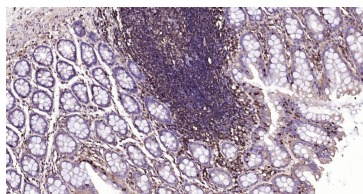
400-901-9800

**— DATASHEET —**

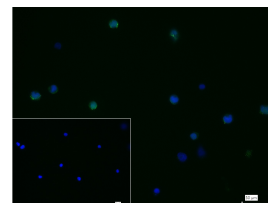
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host:</b> Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Isotype:</b> IgG   | <b>Applications:</b> IHC-P (1:200-1000)<br>IHC-F (1:200-1000)<br>IF (1:200-1000)<br>ICC/IF (1:50-200)<br><br><b>Reactivity:</b> Human<br><br><br><br><b>Predicted MW.:</b> 160 kDa<br><br><b>Subcellular Location:</b> Cell membrane |
| <b>Clonality:</b> Recombinant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>CloneNo.:</b> 12A3 |                                                                                                                                                                                                                                      |
| <b>GeneID:</b> 4360                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>SWISS:</b> P22897  |                                                                                                                                                                                                                                      |
| <b>Target:</b> MRC1   CD206                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                      |
| <b>Purification:</b> affinity purified by Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                                                                                                                                                                                                                                      |
| <b>Concentration:</b> 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                                                                                                                                                                                                                                      |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                                                                                                                                                                                                                                      |
| <b>Background:</b> 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]. |                       |                                                                                                                                                                                                                                      |

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD206 Monoclonal Antibody, Unconjugated(bsm-60761R) at 1:1000 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023)and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD206 Monoclonal Antibody, Unconjugated(bsm-60761R) at 1:1000 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023)and DAB (C-0010) staining.



4% Paraformaldehyde-fixed Molt-4 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (MRC1) monoclonal Antibody, unconjugated (bsm-60761R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.

**— SELECTED CITATIONS —**

- **[IF=21.1]** Min Nie. et al. Genetically engineered MSCs overexpressing hepatocyte growth factor for the treatment of human refractory wounds. SCI BULL. 2025 Nov;; IF ;Mouse. 41381331
- **[IF=19]** Wenyan Yu. et al. A Multifunctional Enzyme Cascade Catalytic Nanoplatform for Effective Synergistic Therapy of Rheumatoid Arthritis. ADV FUNCT MATER. 2025 Mar;;2423054 WB,IF ;Mouse. 10.1002/adfm.202423054
- **[IF=19]** Shangpeng Liu. et al. Iron Homeostasis Regulating Glycopeptide Hydrogel Reprograms the Healing Process of Diabetic Wounds Infected With MRSA. ADV FUNCT MATER. 2025 Jun;;e09677 IF ;Mouse. 10.1002/adfm.202509677
- **[IF=16]** Chufan Wang. et al. Enhanced Nano-Vaccine Utilizing Biomineralized Virus-like Particles for Efficient

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

Glioblastoma Immunotherapy via the Nose-To-Brain Delivery Pathway. ACS NANO. 2025;19(22):21154–21168 IF ;Mouse. 40442950

- **[IF=13.3]** Lubin Zhou. et al. Electrospun Self-Pumping dressing with gastrodin for immunomodulation and rapid healing of diabetic wounds. CHEM ENG J. 2024 Sep;495:153424 IF ;Rat. 10.1016/j.cej.2024.153424