

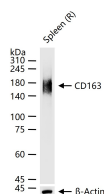
bsm-54015R**[Primary Antibody]****CD163 Recombinant Rabbit mAb****BioSS**
ANTIBODIES

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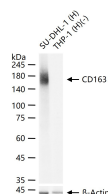
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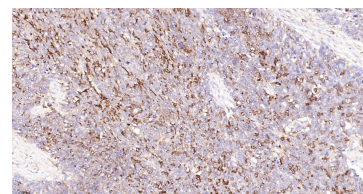
400-901-9800

DATASHEET**Host:** Rabbit**Clonality:** Recombinant**GeneID:** 9332**Target:** CD163**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 member of the scavenger receptor cysteine-rich (SRCR) superfamily, and is exclusively expressed in monocytes and macrophages. It functions as an acute phase-regulated receptor involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages, and may thereby protect tissues from free hemoglobin-mediated oxidative damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]**Isotype:** IgG**CloneNo.:** 8G1**SWISS:** Q86VB7**Applications:** **WB** (1:500-2000)
IHC-P (1:200-800)
IHC-F (1:200-800)
IF (1:200-800)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 130 kDa**Observed MW.:** 170 kDa**Subcellular Location:** Secreted ,Cell membrane**VALIDATION IMAGES**

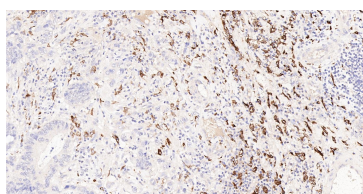
25 ug total protein per lane of various lysates (see on figure) probed with CD163 monoclonal antibody, unconjugated (bsm-54015R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



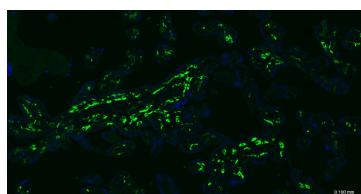
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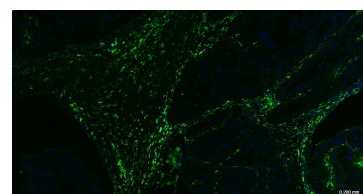
Paraformaldehyde-fixed, paraffin embedded Human Ovarian Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD163 Monoclonal Antibody, Unconjugated(bsm-54015R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD163 Monoclonal Antibody, Unconjugated(bsm-54015R) 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 Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD163 Monoclonal Antibody, Unconjugated (bsm-54015R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD163 Monoclonal Antibody, Unconjugated (bsm-54015R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.

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

— SELECTED CITATIONS —

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- **[IF=13.2]** Yuan Su. et al. Oral solid-liquid biphasic microcapsules for precision targeted therapy of Salmonella-induced enteritis. CHEM ENG J. 2025 Apr;;509:161497 IF ;Rat. 10.1016/j.cej.2025.161497
- **[IF=12.9]** Xinyi Li. et al. Biomimetic hydrogel strategy inspired by sea cucumbers: Integrating antibacterial, osteoimmune, and osteogenic functions for infected bone repair. BIOMATERIALS. 2026 Jul;;330:124080 WB,IF ;Mouse. 41713048
- **[IF=10.1]** Hu Longyuan. et al. CD33 drives cutaneous melanoma: mendelian randomization confirms causality, multi-omics and in vitro experiments reveal M2 macrophage polarization-mediated progression. INT J SURG. 2025 Dec;;10.1097/JS9.0000000000004100 IHC ;Human. 41346267
- **[IF=9.7]** Cui Lu. et al. Combining decellularized adipose tissue with decellularized adventitia extravascular matrix or small intestinal submucosa matrix for the construction of vascularized tissue-engineered adipose. ACTA BIOMATER. 2023 Sep;; IHC ;Rat. 37683968