

CD206 Recombinant Rabbit mAb

Catalog Number: bsm-60761R

Target Protein: CD206

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 12A3

Isotype: IgG

Applications: IHC-P (1:200-1000), IHC-F (1:200-1000), IF (1:200-1000), ICC/IF (1:50-200)

Reactivity: Human

Predicted MW: 160 kDa

Entrez Gene: 4360

Swiss Prot: P22897

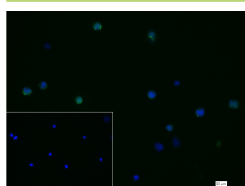
Purification: affinity purified by Protein A

Storage: PBS, Glycerol, BSA.

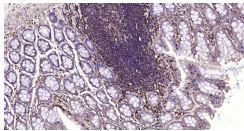
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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].

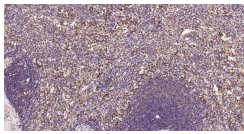
VALIDATION IMAGES



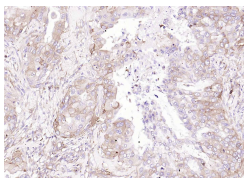
4% Paraformaldehyde-fixed Molt-4 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (MRC1) monoclonal Antibody, unconjugated (bsm-60761R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was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



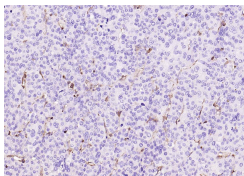
Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD206 Monoclonal Antibody, Unconjugated(bsm-60761R) at 1:1000 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023)and DAB (C-0010)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



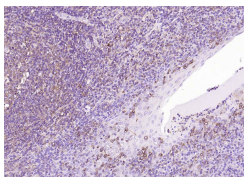
Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD206 Monoclonal Antibody, Unconjugated(bsm-60761R) at 1:1000 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023)and DAB (C-0010)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



Paraformaldehyde-fixed, paraffin embedded (human lung 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; Incubation with (CD206) Monoclonal Antibody, Unconjugated (bsm-60761R) at 1:300 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human liver 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; Incubation with (CD206) Monoclonal Antibody, Unconjugated (bsm-60761R) at 1:300 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human tonsil); 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; Incubation with (CD206) Monoclonal Antibody, Unconjugated (bsm-60761R) at 1:300 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=13.3] Zhihong Su. et al. Novel asymmetrical double-layer structural adhesive hydrogels with synergetic neuroprotection and angiogenesis effect for diabetic wound healing. CHEM ENG J. 2024 Dec;:159081 IF ; MOUSE . 10.1016/j.cej.2024.159081

[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

[IF=11] Ou Da-Liang. et al. Nano-modified viruses prime the tumor microenvironment and promote the photodynamic virotherapy in liver cancer. J BIOMED SCI. 2024 Dec;31(1):1-12 IHC ; Mouse . 38163894

[IF=10] Lubin Zhou. et al. A Novel Self-Pumping Janus Dressing for Promoting Wound Immunomodulation and Diabetic Wound Healing. ADV HEALTHC MATER. 2023 Nov;:2303460 IF ; Rat . 37957786

[IF=8.7] Xiaolan Ou. et al. Portable direct spraying porous nanofibrous membranes stent-loaded polymyxin B for treating diabetic wounds with difficult-to-heal gram-negative bacterial infections. MATER TODAY BIO. 2024 Dec;29:101365 IF ; Rat . 39687800