

bs-2659R**[Primary Antibody]****MARCO Rabbit pAb****BioSS**
ANTIBODIES

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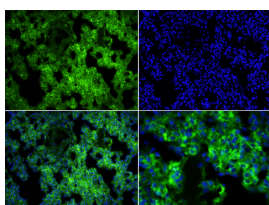
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Chicken, Dog, GuineaPig) Predicted MW.: 53 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 8685	SWISS: Q9UEW3	
Target: MARCO		
Immunogen: KLH conjugated synthetic peptide derived from human MARCO: 421-520/520. < Extracellular >		
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 class A scavenger receptor family and is part of the innate antimicrobial immune system. The protein may bind both Gram-negative and Gram-positive bacteria via an extracellular, C-terminal, scavenger receptor cysteine-rich (SRCR) domain. In addition to short cytoplasmic and transmembrane domains, there is an extracellular spacer domain and a long, extracellular collagenous domain. The protein may form a trimeric molecule by the association of the collagenous domains of three identical polypeptide chains. [provided by RefSeq].		

— VALIDATION IMAGES —

Tissue/cell: mouse lung tissue;4%
Paraformaldehyde-fixed and paraffin-
embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min;
Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-MARCO Polyclonal Antibody, Unconjugated(bs-2659R-FITC) 1:100, overnight at 4°C;
DAPI(5ug/ml,blue,C-0033) was used to stain the cell nuclei

— SELECTED CITATIONS —

- **[IF=12.57]** Li, Hao, et al. "Interferon-induced mechanosensing defects impede apoptotic cell clearance in lupus." The Journal of clinical investigation 125.7 (2015): 2877. IHC ;="Human". 26098211
- **[IF=4.5]** Ying Sun. et al. Cinobufagin inhibits M2-like tumor-associated macrophage polarization to attenuate the invasion and migration of lung cancer cells. INT J ONCOL. 2024 Nov;65(5):1-17 IF ;Human. 39301639
- **[IF=4.8]** Shenghao Xu. et al. Parental high-fat diet induces upregulation of macrophage receptor with collagenous structure expression and exacerbates colorectal inflammation via the nuclear factor kappa-B pathway in offspring. J NUTR

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

BIOCHEM. 2025 Apr;:109918 IF, WB ;Mouse. 40254038

- **[IF=3.329]** Xiao Y et al. Down-regulation of MARCO associates with tumor progression in hepatocellular carcinoma. Exp Cell Res. 2019 Aug 2;:111542. WB, IHC ;Human. 31381879