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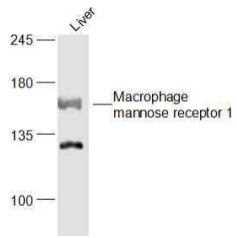
MRC1 Rabbit pAb

Catalog Number:	bs-23178R
Target Protein:	MRC1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	**WB** (1:500-2000)
Reactivity:	Human, Rat (predicted: Mouse, Rabbit)
Predicted MW:	160 kDa
Subcellular Locations:	Cell membrane
Entrez Gene:	4360
Swiss Prot:	P22897
Source:	KLH conjugated synthetic peptide derived from human Macrophage mannose receptor 1: 1231-1292/1292.
Purification:	affinity purified by Protein A
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].

VALIDATION IMAGES



Sample: Liver (Rat) Lysate at 40 ug Primary: Anti-Macrophage mannose receptor 1 (bs-23178R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 160 kD Observed band size: 160 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=15.881] Yale Yue. et al. Biomimetic Nanoparticles Carrying a Repolarization Agent of Tumor-Associated Macrophages for Remodeling of the Inflammatory Microenvironment Following Photothermal Therapy. Acs Nano. 2021;XXXX(XXX):XXX-XXX FCM ; mouse . 34469109

[IF=4.5] Xue Zhao. et al. Neural Stem Cell-Derived Exosomes Improve Neurological Function in Rats with Cerebral Ischemia-Reperfusion Injury by Regulating Microglia-Mediated Inflammatory Response. J INFLAMM RES. 2023 Jul 23 WB ; Rat . 37520663

[IF=4.2] Li Li. et al. Regulation of TREM2 on BV2 inflammation through PI3K/AKT/mTOR pathway. BIOTECHNOL GENET ENG. 2023 Apr 26 WB ; Mouse . 37125903

[IF=1.6] Rao Rao. et al. Electroacupuncture alleviates cerebral ischemia injury by regulating PI3K/AKT/NF-κB signaling in microglia of ischemic stroke rats. NEUROREPORT. 2024 Dec;36(1):22 WB ; Rat . 39651717