

MSR1 Rabbit mAb

货号: B30394

产品信息

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|-------|-----------------------------------------------------------------------------------------------|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB |
| 推荐浓度 | WB: 1:500 - 1:2000 |
| 理论分子量 | 39kDa/42kDa/49kDa |
| 实测分子量 | 75kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | THP-1,Mouse liver |
| 细胞定位 | Membrane,Single-pass type II membrane protein |
| 纯化 | Affinity purification |

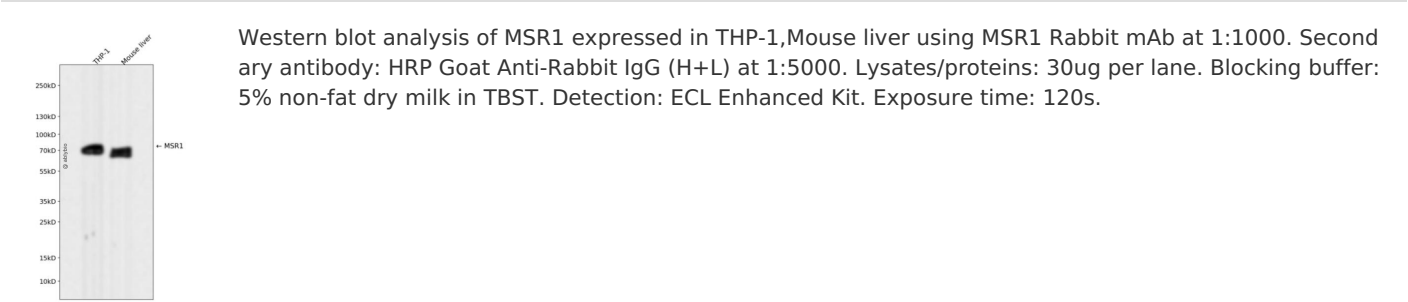
抗原信息

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|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 抗原信息 | Recombinant fusion protein corresponding to Human MSR1. |
| 序列 | ANDITQSLTGKGNDSSEEMRFQEVFMEHMSNMEKRIQHILDMEANLMDTEHFQNFSMTTDQRFNDILLQLSTLFSSVQG HGNAIDEISKSLISLNTTLLDLQLNIENLNGKIQENTFKQQEEISKLEERVYNVSAEIMAMKEEQVHLEQEIKGEVKVLNNITN DLRLKDWEHSQTLRNITLIQGP |

靶点信息

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| 研究背景 | This gene encodes the class A macrophage scavenger receptors, which include three different types (1, 2 , 3) generated by alternative splicing of this gene. These receptors or isoforms are macrophage-specific trimeric integral membrane glycoproteins and have been implicated in many macrophage-associated physiological and pathological processes including atherosclerosis, Alzheimer's disease, and host defense. The isoforms type 1 and type 2 are functional receptors and are able to mediate the endocytosis of modified low density lipoproteins (LDLs). The isoform type 3 does not internalize modified LDL (acetyl-LDL) despite having the domain shown to mediate this function in the types 1 and 2 isoforms. It has an altered intracellular processing and is trapped within the endoplasmic reticulum, making it unable to perform endocytosis. The isoform type 3 can inhibit the function of isoforms type 1 and type 2 when co-expressed, indicating a dominant negative effect and suggesting a mechanism for regulation of scavenger receptor activity in macrophages. |
| 基因ID | 4481 |
| 基因名 | MSR1 |
| Swiss | P21757 |
| 别名 | MSR1;CD204;SCARA1;SR-A;SR-AI;SR-AII;SR-AIII;SRA;phSR1;phSR2 |

产品验证



实验步骤

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