

MCP3 (YD21089) Rabbit mAb

货号: **AYD12725**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	
理论分子量	11kDa
实测分子量	
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	
细胞定位	Secreted
纯化	

抗原信息

抗原信息	
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靶点信息

研究背景	<p>Chemotactic factor that plays an important role in immune regulation. Attracts monocytes, eosinophils, basophils, and T-cells to sites of inflammation or infection. Upon binding to various chemokine receptors including CCR1, CCR2, CCR3, and CCR5, facilitates immune cell migration by guiding them to infected tissues (PubMed:39805173). Interacts with CCR2 to facilitate the release of monocytes from the bone marrow into the bloodstream, maintaining monocyte homeostasis. In turn, monocytes recruited to inflamed or injured tissues can differentiate into macrophages or dendritic cells, which are essential for immune defense and tissue repair (PubMed:17364026). Through CCR1, contributes to macrophage polarization via NF-κB activation which leads to the release of inflammatory factors (PubMed:39805173). In the trigeminal ganglion neurons, activates ERK via CCR2 and CCR3 to enhance neuronal excitability, which contributes to the maintenance of trigeminal neuropathic pain (PubMed:36998150). Additionally, modulates the early immune response in the skin, preventing pathogen dissemination while maintaining cutaneous immune control (PubMed:30671055)</p>
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基因ID	3134
基因名	Ccl7
Swiss	Q03366
别名	MCP3 (YD21089)

产品验证

实验步骤

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