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# CCR2 (YD19999) Rabbit mAb

货号: **AYD16134**

## 产品信息

反应	Mouse, Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF FC IP
推荐浓度	
理论分子量	42kDa
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	Cell membrane
纯化	亲和纯化

## 抗原信息

抗原信息	
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## 靶点信息

研究背景	Key functional receptor for CCL2 but can also bind CCL7, and CCL12 (PubMed:23408426, PubMed:38157855, PubMed:8048929, PubMed:8146186). Also transduces signaling mediated by CCL13 (PubMed:38157855). Its binding with CCL2 on monocytes and macrophages mediates chemotaxis and migration induction through the activation of the PI3K cascade, the small G protein Rac and lamellipodium protrusion (PubMed:38157855). Also acts as a receptor for the beta-defensin DEFB106A/DEFB106B (PubMed:23938203). Regulates the expression of T-cell inflammatory cytokines and T-cell differentiation, promoting the differentiation of T-cells into T-helper 17 cells (Th17) during inflammation (By similarity). Facilitates the export of mature thymocytes by enhancing directional movement of thymocytes to sphingosine-1-phosphate stimulation and up-regulation of S1P1R expression; signals through the JAK-STAT pathway to regulate FOXO1 activity leading to an increased expression of S1P1R (By similarity). Plays an important role in mediating peripheral nerve injury-induced neuropathic pain (By similarity). Increases NMDA-mediated synaptic transmission in both dopamine D1 and D2 receptor-containing neurons, which may be caused by MAPK/ERK-dependent phosphorylation of GRIN2B/NMDAR2B (By similarity). Mediates the recruitment of macrophages and monocytes to the injury site following brain injury (By similarity)
基因ID	729230
基因名	CCR2
Swiss	P41597 ( <a href="https://www.uniprot.org/uniprotkb/P41597/entry">https://www.uniprot.org/uniprotkb/P41597/entry</a> ), 211983 ( <a href="https://www.uniprot.org/uniprotkb/211983/entry">https://www.uniprot.org/uniprotkb/211983/entry</a> )
别名	CCR2 (YD19999),CCR2 (YD19999) Rabbit mAb,CCR2,Monocyte chemoattractant protein 1 receptor,CMKBR2

## 产品验证

## 实验步骤

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