产品说明书

CCR7 Rabbit mAb

货号：HL30677

产品名称	CCR7 Rabbit mAb
来源宿主	Rabbit
反应种属	Human, Mouse, Rat
克隆类型	Rabbit monoclonal
克隆号	S929
同种型	IgG
标记	unconjugated
纯化方式	Protein A affinity purified.
形式	Liquid
存储溶液	PBS (pH7.4),0.05% BSA,40% Glycerol. Preservative: 0.05% Sodium Azide.
存储方式	Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze / thaw cycles.Stable for 12 months.
应用	IHC-P, mIHC
使用方法	IHC-P 1:50-1:100; mIHC 1:50-1:100
有效期	one year
别名	C-C chemokine receptor type 7, C-C CKR-7, CC-CKR-7, CCR-7, BLR2, CDw197, Epstein-Barr virus-induced G-protein coupled receptor 1 (EBI1; EBV-induced G-protein coupled receptor 1), MIP-3 beta receptor, CD197, CMKBR7, EBI1, EVI1
免疫原	Synthetic peptide
SwissProt	P32248
细胞定位	Cell membrane
产品介绍	CCR7 protein, also known as CC-chemokine receptor 7, is a G protein-coupled receptor encoded by the CCR7 gene. CCR7 is mainly distributed on the surfaces of lymphocytes, dendritic cells, monocytes, and certain epithelial cells, and its expression pattern in tissues is very strict and specific. CCR7 plays an important role in regulating the migration and localization of lymphocytes and dendritic cells in the body, promoting the activation and proliferation of lymphocytes, and regulating the differentiation and function of immune cells. CCR7 signaling pathways can regulate inflammatory responses and immune responses by activating various signaling molecules such as PI3K, MAPK, and NF-κB. Furthermore, CCR7 is closely related to autoimmune diseases such as multiple sclerosis (MS), rheumatoid arthritis (RA), and psoriasis. For example, in MS, increased levels of CCL19 in the cerebrospinal fluid are associated with increased T cell infiltration and increased proinflammatory CCR7-positive dendritic cells in the cerebrospinal fluid of MS patients. Blocking CCR7 signaling seems to reduce the pathogenic processes mediated by cerebrospinal fluid and immune cells in MS. Similarly, CCR7 is also involved in the pathogenesis of RA and psoriasis.

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