

Anti-CCR4 antibody [KH-4F5] ab59550

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概述	
产品名称	Anti-CCR4抗体[KH-4F5]
描述	小鼠单克隆抗体[KH-4F5] to CCR4
宿主	Mouse
经测试应用	适用于: Flow Cyt, ICC/IF
种属反应性	与反应: Recombinant fragment
免疫原	Synthetic peptide from human CCR4
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	pH: 7.20 Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	KH-4F5
同种型	IgG2a

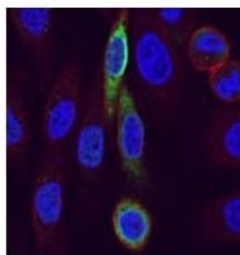
应用	
The Abpromise guarantee	Abpromise™承诺保证使用ab59550于以下的经测试应用
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。	

应用	Ab评论	说明
Flow Cyt		Use 1.2µg for 10 <sup>6</sup> cells. <b>ab170191</b> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
ICC/IF		Use 1µg for 10 <sup>6</sup> cells.

## 靶标

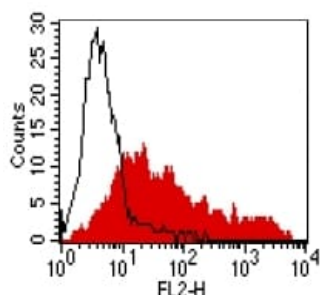
功能	High affinity receptor for the C-C type chemokines CCL17/TARC and CCL22/MDC. The activity of this receptor is mediated by G(i) proteins which activate a phosphatidylinositol-calcium second messenger system. Can function as a chemoattractant homing receptor on circulating memory lymphocytes and as a coreceptor for some primary HIV-2 isolates. In the CNS, could mediate hippocampal-neuron survival.
组织特异性	Predominantly expressed in the thymus, in peripheral blood leukocytes, including T-cells, mostly CD4+ cells, and basophils, and in platelets; at lower levels, in the spleen and in monocytes. Detected also in macrophages, IL-2-activated natural killer cells and skin-homing memory T-cells, mostly the ones expressing the cutaneous lymphocyte antigen (CLA). Expressed in brain microvascular and coronary artery endothelial cells.
序列相似性	Belongs to the G-protein coupled receptor 1 family.
翻译后修饰	In natural killer cells, CCL22 binding induces phosphorylation on yet undefined Ser/Thr residues, most probably by beta-adrenergic receptor kinases 1 and 2.
细胞定位	Cell membrane.

## 图片



Spectral Confocal Microscopy of CHO cells using ab59550 at 1 µg/10<sup>6</sup> cells. CHO cells were transiently transfected with an expression vector encoding CCR4. Binding of ab59550 was visualized with a FITC-conjugated secondary antibody (green). Actin filaments are labeled with Alexa Fluor-555 Phalloidin (red). Cell nuclei are stained with DAPI (blue).

Immunocytochemistry/ Immunofluorescence - Anti-CCR4 antibody [KH-4F5] (ab59550)



Flow Cytometry - Anti-CCR4 antibody [KH-4F5]  
(ab59550)

FACS analysis of BOSC23 cells using ab59550 at  $1.2 \mu\text{g} / 10^6$  cells. BOSC23 cells were transiently transfected with an expression vector encoding either CCR4 (red curve) or an irrelevant protein (control transfectant). Binding of ab59550 was detected with a PE conjugated secondary antibody.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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