

Biotin Anti-CD8 antibody [MEM-31] ab28090

[1 References](#) [2 图像](#)

概述

产品名称	生物素Anti-CD8抗体[MEM-31]
描述	生物素小鼠单克隆抗体[MEM-31] to CD8
宿主	Mouse
偶联物	Biotin
经测试应用	适用于: Flow Cyt 不适用于: WB
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human CD8. Crude thymus membrane fraction
表位	ab28090 recognizes a conformationally dependent epitope of CD8 antigen (does not react with formaldehyde-fixed cells)
常规说明	<p>The purified antibody is conjugated with Biotin-LC-NHS.</p> <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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	MEM-31

同种型 IgG2a
轻链类型 kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab28090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 1µg for 10 ⁶ cells. ab18454 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

应用说明 Is unsuitable for WB.

靶标

功能 Identifies cytotoxic/suppressor T-cells that interact with MHC class I bearing targets. CD8 is thought to play a role in the process of T-cell mediated killing. CD8 alpha chains binds to class I MHC molecules alpha-3 domains.

疾病相关 Defects in CD8A are a cause of familial CD8 deficiency (CD8 deficiency) [MIM:608957]. Familial CD8 deficiency is a novel autosomal recessive immunologic defect characterized by absence of CD8+ cells, leading to recurrent bacterial infections.

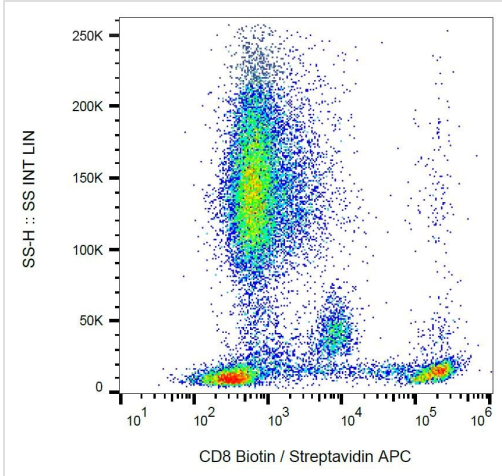
序列相似性 Contains 1 Ig-like V-type (immunoglobulin-like) domain.

翻译后修饰 All of the five most C-terminal cysteines form inter-chain disulfide bonds in dimers and higher multimers, while the four N-terminal cysteines do not.

细胞定位 Secreted and Cell membrane.

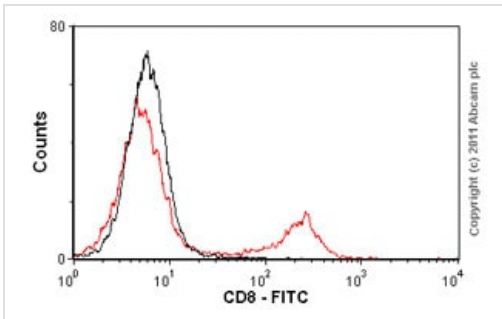
形式 CD8 beta tissue specificity: Isoform 1, isoform 3, isoform 5, isoform 6, isoform 7 and isoform 8 are expressed in both thymus and peripheral CD8+ T-cells. Expression of isoform 1 is higher in thymus CD8+ T-cells than in peripheral CD8+ T-cells. Expression of isoform 6 is higher in peripheral CD8+ T-cells than in thymus CD8+ T-cells. CD8 beta PTM: Phosphorylated as a consequence of T-cell activation.

图片



Flow cytometry analysis (surface staining) of human peripheral blood using ab28090.

Flow Cytometry - Biotin Anti-CD8 antibody [MEM-31] (ab28090)



Overlay histogram showing peripheral blood lymphocytes stained with ab28090 (red line). The cells were incubated with the antibody (ab28090, 1µg/1x10⁶ cells) followed by Streptavidin-FITC conjugated protein for 30 min at 4°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] ([ab91361](#), 1µg/1x10⁶ cells) with secondary antibody DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution used under the same conditions.

Flow Cytometry - Biotin Anti-CD8 antibody [MEM-31] (ab28090)

Acquisition of >5,000 events was performed gating on peripheral blood lymphocytes.

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