

Product datasheet

Anti-CD8 antibody [MEM-31] (PerCP) ab65949

★★★★☆ 1 Abreviews 2 References 1 图像

概述

| | |
|-------|--|
| 产品名称 | Anti-CD8抗体[MEM-31] (PerCP) |
| 描述 | 小鼠单克隆抗体[MEM-31] to CD8 (PerCP) |
| 宿主 | Mouse |
| 偶联物 | PerCP. Ex: 482nm, Em: 675nm |
| 特异性 | ab65949 recognizes a conformationally-dependent epitope of CD8. The antibody does not react with formaldehyde-fixed cells and is negative in Western Blotting. |
| 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/ cell preparation (Human):Crude thymus membrane fraction. |
| 阳性对照 | human blood |
| 常规说明 | Conjugated with Peridinin-chlorophyll-protein complex (PerCP) |

性能

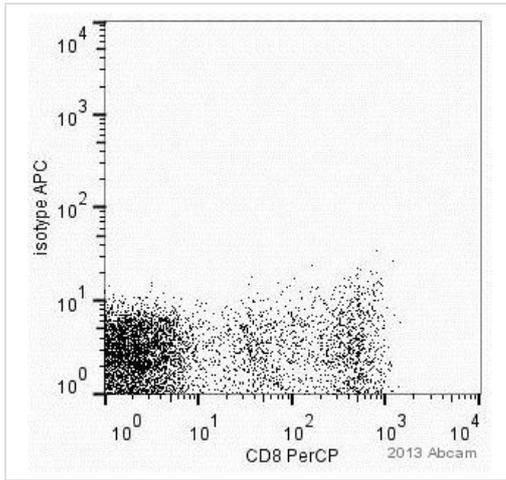
| | |
|------|--|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at +4°C. |
| 存储溶液 | Preservative: 15mM Sodium Azide Constituents: 0.2% BSA, PBS |
| 纯度 | Size exclusion |
| 纯化说明 | >95% by SDS-PAGE |
| 克隆 | 单克隆 |
| 克隆编号 | MEM-31 |
| 同种型 | IgG2a |

应用

Our [Abpromise guarantee](#) covers the use of **ab65949** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明 |
|--------------|--|----|
| Flow Cyt | ★★★★☆ | |
| 应用说明 | <p>Flow Cyt: Use Neat: 10μl for 10⁶ cells, or 100μl whole blood.</p> <p>Is unsuitable for WB. Is unsuitable for applications using formaldehyde fixed cells.</p> <p>Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.</p> | |
| 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 - Anti-CD8 antibody [MEM-31]
(PerCP) (ab65949)

This image is courtesy of an anonymous Abreview

ab65949 staining CD86 in Human whole blood by Flow Cytometry. The sample was incubated with the primary antibody (1/50 in 2% Human serum + 0.5mM EDTA in PBS) for 25 minutes at 4°C.

Gating Strategy: Lymphocytes.

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