# abcam

### Product datasheet

# APC Anti-CD8 antibody [MEM-31] ab26004

#### 3 Abreviews 3 References

概述

产品名称 APC Anti-CD8抗体[MEM-31]

描述 APC小鼠单克隆抗体[MEM-31] to CD8

**宿主** Mouse

**偶联物** APC. Ex: 645nm, Em: 660nm

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 This antibody recognizes a conformationally dependent epitope of CD8 antigen.

常规说明 The purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum

conditions.

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.

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

性能

形式 Liquid

**存放**说明 Shipped at 4°C. Store at +4°C.

**存储溶液** pH: 7.4

Preservative: 0.097% Sodium azide

Constituent: 0.2% BSA

纯**化说明** The conjugate is purified by size exclusion chromatography and adjusted for direct use.

 克隆
 单克隆

 克隆编号
 MEM-31

 同种型
 IgG2a

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## The Abpromise guarantee Abpromise™承诺保证使用ab26004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 at an assay dependent concentration. Use 5-20 ul per 100 ul of whole blood. <b>ab91364</b> - Mouse monoclonal lgG2a, is suitable for use as an isotype control with this antibody.

应用说明 Is unsuitable for WB.

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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 lg-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.	

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