

## Product datasheet

# Anti-CD8 antibody [MEM-31] (Allophycocyanin) ab26004

[2 Abreviews](#) [2 References](#)

### 製品の概要

製品名	Anti-CD8 antibody [MEM-31] (Allophycocyanin)
製品の詳細	Mouse monoclonal [MEM-31] to CD8 (Allophycocyanin)
由来種	Mouse
標識	Allophycocyanin. Ex: 645nm, Em: 660nm
アプリケーション	<b>適用あり:</b> Flow Cyt <b>適用なし:</b> WB
種交差性	<b>交差種:</b> Human
免疫原	Tissue/ cell preparation: Crude thymus membrane fraction. (Human).
エピトープ	This antibody recognizes a conformationally dependent epitope of CD8 antigen.
特記事項	The purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: 0.097% Sodium azide Constituent: 0.2% BSA
特記事項 (精製)	The conjugate is purified by size exclusion chromatography and adjusted for direct use.
ポリ/モノ	モノクローナル
クローン名	MEM-31
アイソタイプ	IgG2a

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab26004** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
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Flow Cyt  
 Use at an assay dependent concentration.  
 Use 5-20 µl per 100 µl of whole blood.

[ab91364](#) - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

**追加情報** Is unsuitable for WB.

### ターゲット情報

**機能** 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.

**関連疾患** 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.

**配列類似性** Contains 1 Ig-like V-type (immunoglobulin-like) domain.

**翻訳後修飾** 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.

**細胞内局在** Secreted and Cell membrane.

**製品の状態** 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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