

## 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)
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: 15mM Sodium Azide. Constituents: 0.2% (w/v) high grade protease free BSA, PBS.
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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アプリケーション	Abreviews	特記事項
Flow Cyt		Use at an assay dependent concentration. Use 5-20 µl per 100 µl of whole blood.
		<a href="#">ab91364</a> -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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