

# FITC Anti-CD59 antibody [MEM-43], prediluted ab18237

**9 References** [画像数 1](#)

### 製品の概要

製品名	FITC Anti-CD59 antibody [MEM-43], prediluted
製品の詳細	FITC Mouse monoclonal [MEM-43] to CD59, prediluted
由来種	Mouse
標識	FITC. Ex: 493nm, Em: 528nm
特異性	The antibody reacts with a well defined epitope (W40, R-53) on CD59 molecule.
アプリケーション	<b>適用あり:</b> Flow Cyt
種交差性	<b>交差種:</b> Human
免疫原	Tissue, cells or virus corresponding to Human CD59. Human thymocytes and T lymphocytes
特記事項	<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&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Store In the Dark.
バッファー	pH: 7.40 Preservative: 0.097% Sodium azide Constituents: PBS, BSA
ポリ/モノ	モノクローナル
クローン名	MEM-43
アイソタイプ	IgG2a

### アプリケーション

The Abpromise guarantee

Abpromise保証は、 次のテスト済みアプリケーションにおけるab18237の使用に適用されます

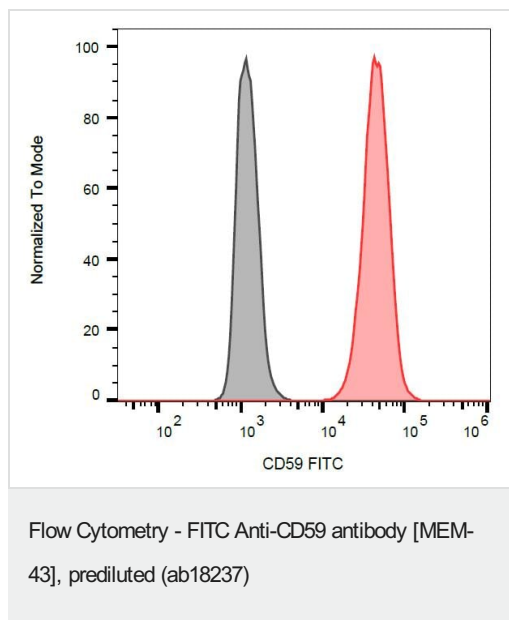
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 20µl for 10 <sup>6</sup> cells. 20 µl for a 100 µl sample is recommended.

## ターゲット情報

機能	<p>Potent inhibitor of the complement membrane attack complex (MAC) action. Acts by binding to the C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. Involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.</p> <p>The soluble form from urine retains its specific complement binding activity, but exhibits greatly reduced ability to inhibit MAC assembly on cell membranes.</p>
関連疾患	<p>Defects in CD59 are the cause of CD59 deficiency (CD59D) [MIM:612300].</p>
配列類似性	<p>Contains 1 UPAR/Ly6 domain.</p>
翻訳後修飾	<p>N- and O-glycosylated. The N-glycosylation mainly consists of a family of biantennary complex-type structures with and without lactosamine extensions and outer arm fucose residues. Also significant amounts of triantennary complexes (22%). Variable sialylation also present in the Asn-43 oligosaccharide. The predominant O-glycans are mono-sialylated forms of the disaccharide, Gal-beta-1,3GalNAc, and their sites of attachment are probably on Thr-76 and Thr-77. The GPI-anchor of soluble urinary CD59 has no inositol-associated phospholipid, but is composed of seven different GPI-anchor variants of one or more monosaccharide units. Major variants contain sialic acid, mannose and glucosamine. Sialic acid linked to an N-acetylhexosamine-galactose arm is present in two variants.</p> <p>Glycated. Glycation is found in diabetic subjects, but only at minimal levels in nondiabetic subjects. Glycated CD59 lacks MAC-inhibitory function and confers to vascular complications of diabetes.</p>
細胞内局在	<p>Cell membrane. Secreted. Soluble form found in a number of tissues.</p>

## 画像



Flow cytometry analysis staining CD59 in HL-60 cells using ab18237 at a 1µg/ml dilution. Sp2 cells were used as the negative control.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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