# abcam

### Product datasheet

## FITC Anti-CD97 antibody [MEM-180] ab23490

2 References 画像数 1

製品の概要

製品名 FITC Anti-CD97 antibody [MEM-180]

製品の詳細 FITC Mouse monoclonal [MEM-180] to CD97

由来種 Mouse

標識 FITC. Ex: 493nm, Em: 528nm

特異性 ab23490 recognises the human CD97 cell surface antigen, a 74-89kD glycoprotein expressed by

monocytes and activated lymphocytes.

アプリケーション 適用あり: Flow Cyt 種交差性 交差種: Human

免疫原 PHA-activated PBL.

特記事項

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

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** pH: 7.40

Preservative: 0.09% Sodium azide

Constituents: PBS, 1% BSA

精製度 Protein G purified

**ポリ/モノ** モノクローナル

**クローン名** MEM-180

アイソタイプ lgG1

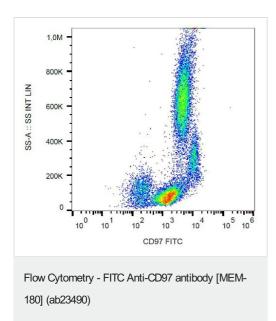
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab23490の使用に適用されます アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 20µl for 10 <sup>6</sup> cells.  ab91356 - Mouse monoclonal lgG1, is suitable for use as an isotype control with this antibody.

#### ターゲット情報

機能	Receptor potentially involved in both adhesion and signaling processes early after leukocyte activation. Plays an essential role in leukocyte migration.
組織特異性	Broadly expressed, found on most hematopoietic cells, including activated lymphocytes, monocytes, macrophages, dendritic cells, and granulocytes. Expressed also abundantly by smooth muscle cells. Expressed in thyroid, colorectal, gastric, esophageal and pancreatic carcinomas too. Expression are increased under inflammatory conditions in the CNS of multiple sclerosis and in synovial tissue of patients with rheumatoid arthritis. Increased expression of CD97 in the synovium is accompagnied by detectable levels of soluble CD97 in the synovial fluid.
配列類似性	Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.  Contains 5 EGF-like domains.  Contains 1 GPS domain.
ドメイン	The first two EGF domains mediate the interaction with DAF. A third tandemly arranged EGF domain is necessary for the structural integrity of the binding region.  Binding to chondroitin sulfate is mediated by the fourth EGF domain.
翻訳後修飾	Proteolytically cleaved into 2 subunits, an extracellular alpha subunit and a seven-transmembrane subunit.
細胞内局在	Cell membrane and Secreted > extracellular space.

#### 画像



Flow Cytometry analysis of human peripheral blood cells labeling CD97 with Anti-CD97 antibody [MEM-180] (FITC) (ab23490).

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