

### APC Anti-TRAP/CD40L antibody [MR1] ab93570

画像数 1

#### 製品の概要

製品名	APC Anti-TRAP/CD40L antibody [MR1]
製品の詳細	APC Armenian hamster monoclonal [MR1] to TRAP/CD40L
由来種	Armenian hamster
標識	APC. Ex: 645nm, Em: 660nm
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> Mouse
免疫原	Tissue, cells or virus corresponding to Mouse TRAP/CD40L. Activated Mouse Th1 clone D1.6
ポジティブ・コントロール	Resting and 6-8 hour PMA or ionomycin-activated Mouse splenocytes.
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.
バッファー	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: PBS
ポリ/モノ	モノクローナル
クローン名	MR1
アイソタイプ	IgG

#### 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ab93570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		

#### 追加情報

Flow Cyt: Use 0.125 - 0.25 µg for 10<sup>5-8</sup> cells in a final volume of 100 µl.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

#### ターゲット情報

##### 機能

Mediates B-cell proliferation in the absence of co-stimulus as well as IgE production in the presence of IL-4. Involved in immunoglobulin class switching.

Release of soluble CD40L from platelets is partially regulated by GP IIb/IIIa, actin polymerization, and an matrix metalloproteinases (MMP) inhibitor-sensitive pathway.

##### 組織特異性

Specifically expressed on activated CD4+ T-lymphocytes.

##### 関連疾患

Defects in CD40LG are the cause of X-linked immunodeficiency with hyper-IgM type 1 (HIGM1) [MIM:308230]; also known as X-linked hyper IgM syndrome (XHIM). HIGM1 is an immunoglobulin isotype switch defect characterized by elevated concentrations of serum IgM and decreased amounts of all other isotypes. Affected males present at an early age (usually within the first year of life) recurrent bacterial and opportunistic infections, including *Pneumocystis carinii* pneumonia and intractable diarrhea due to cryptosporidium infection. Despite substitution treatment with intravenous immunoglobulin, the overall prognosis is rather poor, with a death rate of about 10% before adolescence.

##### 配列類似性

Belongs to the tumor necrosis factor family.

##### 翻訳後修飾

The soluble form derives from the membrane form by proteolytic processing.

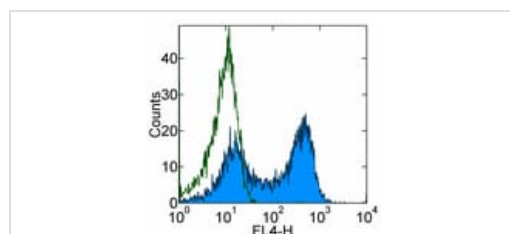
N-linked glycan is a mixture of high mannose and complex type. Glycan structure does not influence binding affinity to CD40.

Not O-glycosylated.

##### 細胞内局在

Secreted and Cell membrane.

#### 画像



Flow Cytometry - APC Anti-TRAP/CD40L antibody  
[MR1] (ab93570)

Staining of 6 hour PMA and Ionomycin treated isolated T cells from Mouse splenocytes with 0.125 µg of APC Armenian Hamster IgG Isotype Control (open histogram) or 0.125 µg of ab93570 (colored histogram). Total viable cells were used for analysis.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

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