

Product datasheet

Anti-CD40 antibody [HM40-3] (FITC) ab95535

3 References 1 Image

Overview

<b>Product name</b>	Anti-CD40 antibody [HM40-3] (FITC)
<b>Description</b>	Armenian Hamster monoclonal [HM40-3] to CD40 (FITC)
<b>Host species</b>	Armenian hamster
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat
<b>Immunogen</b>	(BALB/c x NZB) F1 mouse-derived lymphoma WEHI-231 cells.
<b>Positive control</b>	Mouse BALB/c splenocytes

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: 2.9% Sodium chloride, PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	HM40-3
<b>Isotype</b>	IgM
<b>Light chain type</b>	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab95535** in the following tested applications.

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

Application	Abreviews	Notes
Flow Cyt		Use 0.5-1µg for 10 <sup>5-8</sup> cells. Staining the cell sample in a final volume of 100µl is recommended.

## Target

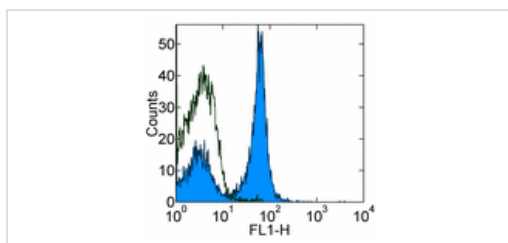
---

<b>Function</b>	Receptor for TNFSF5/CD40LG.
<b>Tissue specificity</b>	B-cells and in primary carcinomas.
<b>Involvement in disease</b>	Defects in CD40 are the cause of hyper-IgM immunodeficiency syndrome type 3 (HIGM3) [MIM:606843]; also known as hyper-IgM syndrome 3. HIGM3 is an autosomal recessive disorder which includes an inability of B cells to undergo isotype switching, one of the final differentiation steps in the humoral immune system, an inability to mount an antibody-specific immune response, and a lack of germinal center formation.
<b>Sequence similarities</b>	Contains 4 TNFR-Cys repeats.
<b>Cellular localization</b>	Secreted and Cell membrane.

---

## Images

---



Flow Cytometry - Anti-CD40 antibody [HM40-3]  
(FITC) (ab95535)

Flow cytometry staining of BALB/c splenocytes with 0.5  $\mu$ g of Armenian Hamster IgG Isotype Control FITC (open histogram) or 0.5  $\mu$ g of ab95535 (filled histogram). Total viable cells were used for analysis.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors