

### Alexa Fluor® 488 Anti-Myc tag antibody [9E10] ab202008

**1** [References](#) **2** [图像](#)

#### 概述

产品名称	Alexa Fluor® 488 荧光 Anti-Myc tag 抗体 [9E10]
描述	Alexa Fluor® 488 荧光 小鼠 单克隆 抗体 [9E10] to Myc tag
宿主	Mouse
偶联物	Alexa Fluor® 488. Ex: 495nm, Em: 519nm
特异性	This antibody is specific for Myc tagged proteins. The Myc tag epitope (EQKLISEEDL) is located at the dimerization site of c-myc and therefore this antibody does not perform well at recognizing endogenous c-myc. A publication by Baker AM et al. 2016 (PubMed ID: 26826706 DOI: 10.1111/his.12939) shows the IHC staining generated by the 9E10 clone does not correlate with c-myc mRNA expression.
经测试应用	<b>适用于:</b> Flow Cyt (Intra), ICC/IF
种属反应性	<b>与反应:</b> Recombinant fragment
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
表位	aa 410-419 of human c-Myc.
阳性对照	ICC/IF: 293T cells transfected with TMEM119 with myc tag Flow Cyt (Intra): 293T cells transfected with TMEM119 with myc tag
常规说明	<p>Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a>.</p> <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>

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

## 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. Stable for 12 months at -20°C. Store In the Dark.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 30% Glycerol (glycerin, glycerine), 1% BSA
纯度	IgG fraction
克隆	单克隆
克隆编号	9E10
骨髓瘤	Sp2/0
同种型	IgG1
轻链类型	kappa

## 应用

**The Abpromise guarantee** Abpromise™ 承诺保证使用ab202008于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

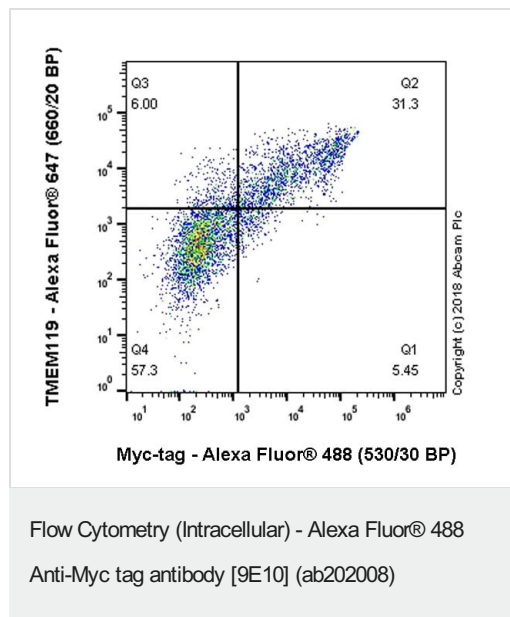
应用	Ab评论	说明
Flow Cyt (Intra)		1/500.
ICC/IF		1/100. This product gave a positive signal in 293T cells transfected with TMEM119 with myc tag fixed with 4% formaldehyde (10 min)

## 靶标

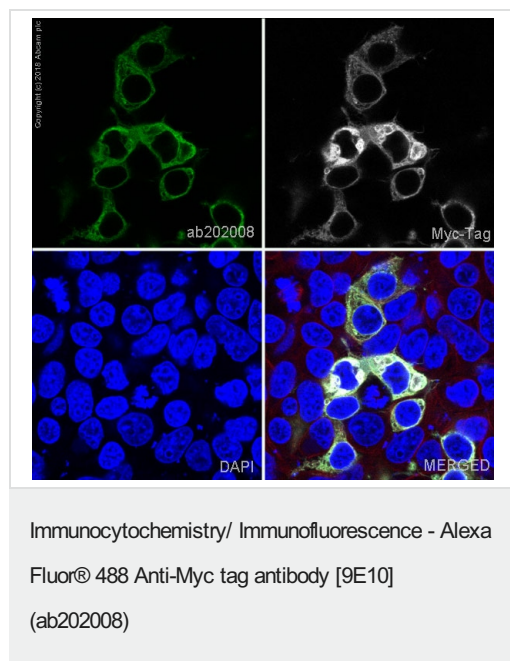
**相关性**

Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the tagged protein's biochemical properties. Most often sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence. This allows anti-epitope tag antibodies to serve as universal detection reagents for any tag containing protein produced by recombinant means. This means that anti-epitope tag antibodies are a useful alternative to generating specific antibodies to identify, immunoprecipitate or immunoaffinity purify a recombinant protein. The anti-epitope tag antibody is usually functional in a variety of antibody-dependent experimental procedures. Expression vectors producing epitope tag fusion proteins are available for a variety of host expression systems including bacteria, yeast, insect and mammalian cells.

## 图片



Flow cytometry analysis of HEK-293T (human embryonic kidney) transfected with Myc-tagged TMEM119 expression vector labelling Myc-tag with ab202008 at 1/500 dilution (right) compared with Mouse IgG1 (monoclonal) Alexa Fluor® 488 (left). Cells were surface-stained with TMEM119 antibody (**ab210405**), then fixed with 2% PFA for 10 minutes and permeabilised with 0.1% Tween-20 for 30 minutes. Next, they were stained with Alexa Fluor® 488 conjugated Myc-tag antibody (ab202008) and Alexa Fluor® 647 conjugated anti-Rabbit secondary antibody (for TMEM119). Only TMEM119 (+) population showed Myc-tag positive staining.



ab202008 staining Myc-tag (shown in green) in 293T cells transfected with TMEM119 with myc tag. The cells were fixed with 4% formaldehyde (10 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with ab202008 at 1/100 dilution and **ab195889**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 594), at 1/250 dilution (shown in red). Nuclear DNA was labelled with DAPI (shown in blue) and Alexa Fluor® 647 conjugated control Myc-tag antibody (different clone) is **pseudocolored in white**.

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

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

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