

### Anti-TMEM119 antibody [106-6] - Microglial marker ab210405

敲除验证
重组
RabMAb

★★★★★
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#### 概述

产品名称	Anti-TMEM119抗体[106-6] - Microglial marker
描述	兔单克隆抗体[106-6] to TMEM119 - Microglial marker
宿主	Rabbit
特异性	Human reactivity has not been tested.
经测试应用	<b>适用于:</b> Flow Cyt <b>不适用于:</b> IHC-Fr or IHC-P
种属反应性	<b>与反应:</b> Mouse
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Flow Cytometry: Acutely isolated primary mouse microglia (P60 BL6 mouse; wildtype CD11b+CD45lo brain cells), HEK-293T transfected with Myc-His tagged mouse TMEM119.
常规说明	<p><b>Please note, this antibody is suitable for flow cytometry. For IHC on mouse brain tissue we recommend <a href="#">ab209064</a>.</b></p> <p>Please note that the original Bennett <i>et al.</i> (2016) publication (PubMed: 26884166), used a combination of clones 106-6 and 85-5. With the author's permission, the decision was made to add the recombinant version of only a single clone (106-6) to the catalogue as it performed equally well on its own.</p> <p><b>The 106-6 clone to mouse Tmem119 is exclusively manufactured and sold by Abcam.</b></p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

#### 性能

形式	Liquid
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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.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol, 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	106-6
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab210405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	★★★★☆ (2)	Use a concentration of 0.1 - 0.5 µg/ml. For detailed protocol of microglia extraction from mouse brain, spinal cord or retina, please refer to PMID 26884166 and PMID 28963474

应用说明

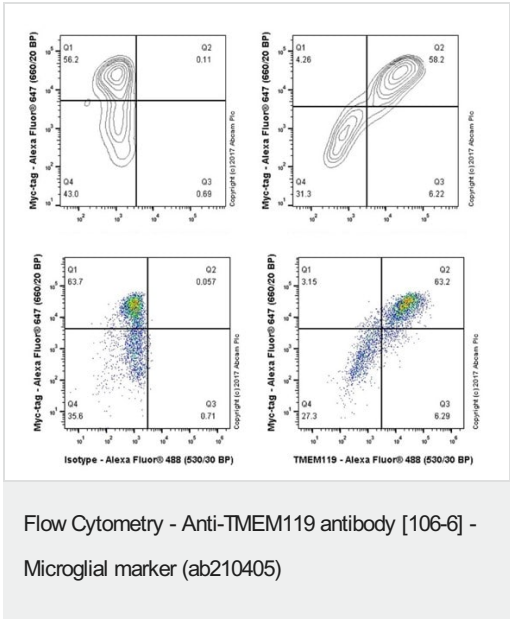
Is unsuitable for IHC-Fr or IHC-P.

靶标

细胞定位

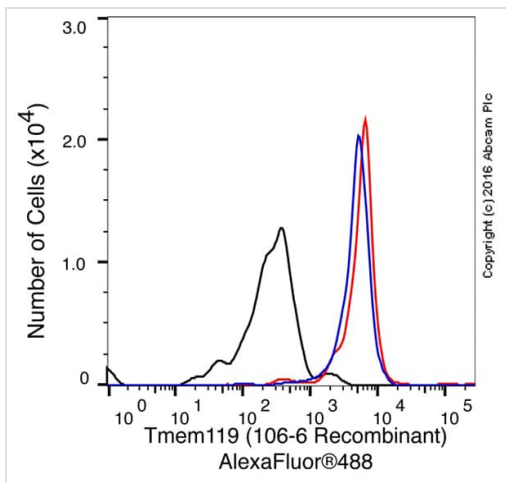
Membrane; Single-pass type I membrane protein

图片



Flow cytometry analysis of HEK-293T (human embryonic kidney) transfected with Myc-His tagged mouse TMEM119 expression vector labeling TMEM119 with ab210405 at 1/2000 dilution (0.1µg/mL) (right) compared with isotype control rabbit monoclonal IgG [ab172730](#) (Left). Cells were surface-stained with 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® 647 conjugated Myc-tag antibody and Alexa Fluor® 488 conjugated secondary antibody. Only Myc-tag (+) population showed TMEM119 positive staining.

Alexa Fluor® 488 ([ab225497](#)) and R-PE ([ab225496](#)) conjugated versions are available for this clone.



Flow Cytometry - Anti-TMEM119 antibody [106-6] - Microglial marker (ab210405)

Flow cytometric analysis of acutely isolated primary mouse microglia (P60 BL6 mouse; wildtype CD11b+CD45lo brain cells) cells labeling TMEM119 with ab210405 at 0.5µg/mL (red) and 0.1µg/mL (blue), compared with TMEM119 KO primary mouse brain cells (black) stained with ab210405 at 0.5µg/mL. Goat anti-Rabbit IgG (Alexa Fluor®488) at 1/500 dilution was used as the secondary antibody.

No signal was detected on the surface of CD11b+CD45lo brain cells from TMEM119 KO mouse (black) stained with ab210405; whereas in wildtype CD11b+CD45lo brain cells, cell surface staining was observed (red 0.5ug/mL; blue 0.1ug/mL).

The data was provided by Ben Barres' lab (Stanford University).

#### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

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

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