abcam

Product datasheet

Alexa Fluor® 647 Anti-TMEM119 antibody [106-6] ab225494

KO VALIDATED Recombinant RabMAb

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Overview

Product name	Alexa Fluor® 647 Anti-TMEM119 antibody [106-6]
Description	Alexa Fluor® 647 Rabbit monoclonal [106-6] to TMEM119
Host species	Rabbit
Conjugation	Alexa Fluor® 647. Ex: 652nm, Em: 668nm
Tested applications	**Suitable for:** Flow Cyt (Intra)
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse
Immunogen	Recombinant fragment (MBP-tag) within Mouse TMEM119 aa 1-100 (extracellular). The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please **contact** our Scientific Support team to discuss your requirements. Database link: **Q8R138**
Positive control	Flow Cyt (Intra): HEK-293T transfected with Myc-His tagged TMEM119 expression vector.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**. 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: in manufacturing; (ii) to

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Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	106-6
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab225494 in the following tested applications.

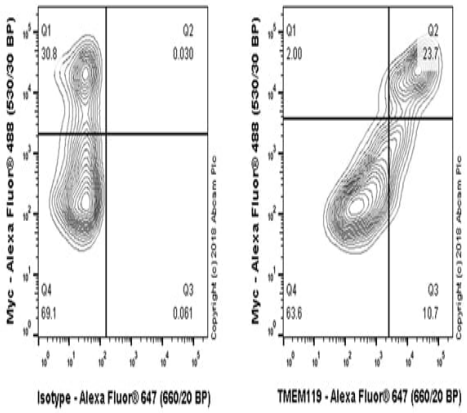
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		1/500. **The cellular localisation of this product has been verified in ICC/IF.**

Target

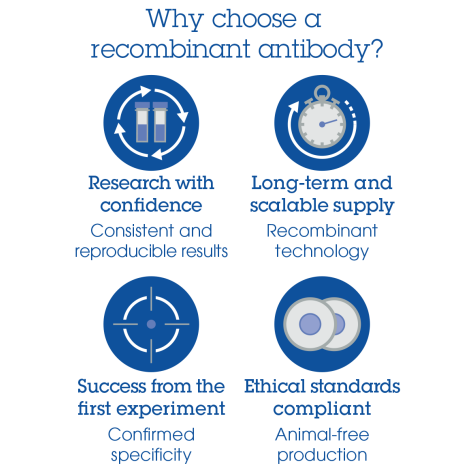
Cellular localization	Membrane; Single-pass type I membrane protein

Images



Flow Cytometry (Intracellular) - Alexa Fluor® 647 Anti-TMEM119 antibody [106-6] (ab225494)

Flow cytometry analysis of HEK-293T (human embryonic kidney) transfected with Myc-His tagged TMEM119 expression vector labelling TMEM119 with ab225494 at 1/500 dilution (right) compared with Rabbit IgG (monoclonal) Alexa Fluor® 647 **ab199093** (left). Cells were surface-stained with ab225494, 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. Only Myc-tag (+) population showed TMEM119 positive staining.



Alexa Fluor® 647 Anti-TMEM119 antibody [106-6] (ab225494)

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