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Datasheet for ABIN7043860

anti-TMEM119 antibody (Extracellular, N-Term) (FITC)

1 Image

Overview

Quantity:	50 µL
Target:	TMEM119
Binding Specificity:	AA 53-67, Extracellular, N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM119 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)GTPAFSPTPERPQPT, corresponding to amino acid residues 53 - 67 of mouse TMEM119
Isotype:	IgG
Cross-Reactivity (Details):	This antibody will not recognize human TMEM119
Characteristics:	Anti-TMEM119 (extracellular) Antibody (ABIN7043859, ABIN7044740 and ABIN7044741)) is a highly specific antibody directed against an extracellular epitope of the mouse protein. The antibody can be used in western blot and indirect live cell flow cytometry. It has been designed to recognize TMEM119 from rat and mouse samples. The antibody will not recognize the protein from human samples. \nAnti-TMEM119 (extracellular)-FITC Antibody (ABIN7043859, ABIN7044740 and ABIN7044741)-F) is directly conjugated to fluorescein isothiocyanate (FITC)

Product Details

fluorophore. This conjugated antibody has been developed to be used in immunofluorescent applications such as direct flow cytometry and live cell imaging.

Purification: Affinity purified on immobilized antigen.

Target Details

Target: TMEM119

Alternative Name: TMEM119 ([TMEM119 Products](#))

Background: Alternative names: Transmembrane Protein 119, Osteoblast induction factor, OBIF

Gene ID: 44060

NCBI Accession: [NM_181724](#)

UniProt: [Q4V9L6](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: 50 µL double distilled water (DDW).

Concentration: 1 mg/mL

Buffer: Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.

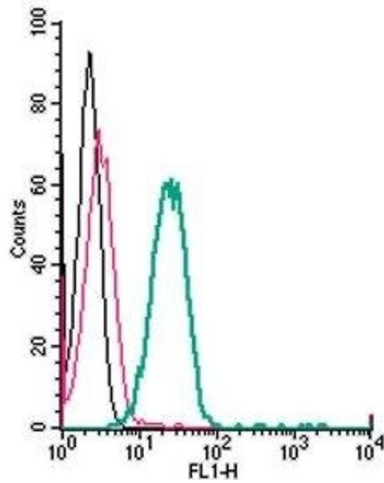
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: RT, 4 °C, -20 °C

Storage Comment: Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.
Storage after reconstitution: The reconstituted solution can be stored at 4°C, protected from the light, for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid

multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



Flow Cytometry

Image 1. Cell surface detection of TMEM119 by direct flow cytometry in live intact mouse BV-2 microglia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC. (green line) Cells + Anti-TMEM119 (extracellular)-FITC Antibody ((ABIN7043860, ABIN7045608, ABIN7045609 and ABIN7045610), 2.5 µg.