

Datasheet for ABIN7043859

**anti-TMEM119 antibody (Extracellular, N-Term)****3** Images[Go to Product page](#)

## Overview

Quantity:	0.2 mL
Target:	TMEM119
Binding Specificity:	AA 53-67, Extracellular, N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM119 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB)

## 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 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.
Purification:	Affinity purified on immobilized antigen.

## Target Details

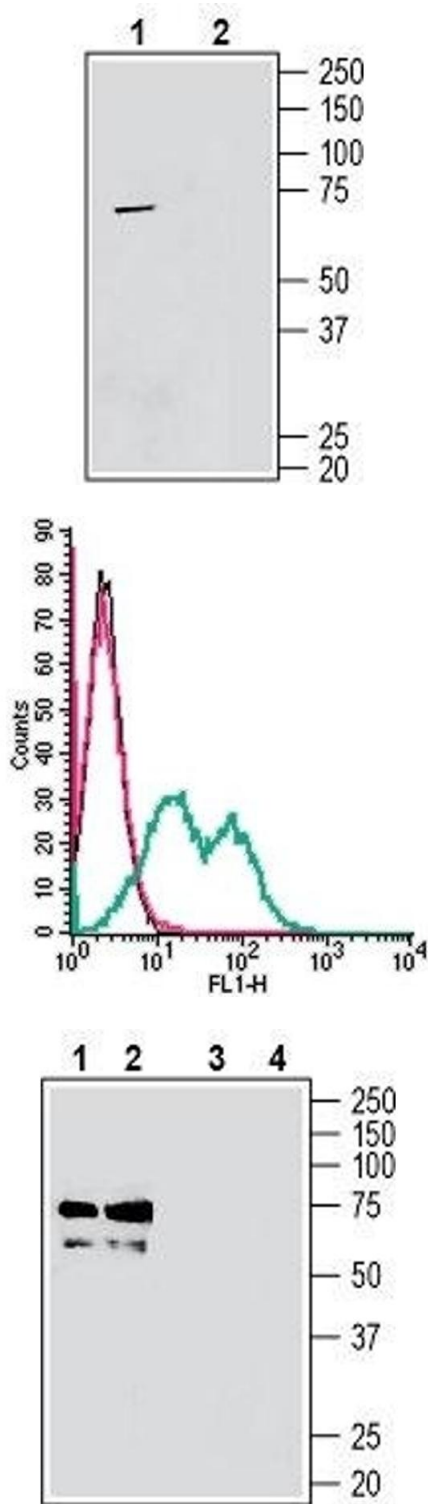
Target:	TMEM119
Alternative Name:	TMEM119 ( <a href="#">TMEM119 Products</a> )
Background:	Alternative names: Transmembrane Protein 119, Osteoblast induction factor, OBIF
Gene ID:	44060
NCBI Accession:	<a href="#">NM_181724</a>
UniProt:	<a href="#">Q4V9L6</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 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:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C 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).</p>



### Western Blotting

**Image 1.** Western blot analysis mouse BV-2 microglia cell lysate: - 1. Anti-TMEM119 (extracellular) Antibody (ABIN7043859, ABIN7044740 and ABIN7044741), (1:200). 2. Anti-TMEM119 (extracellular) Antibody, preincubated with TMEM119 (extracellular) Blocking Peptide (#BLP-NR175).

### Flow Cytometry

**Image 2.** Cell surface detection of TMEM119 in live intact mouse BV-2 microglia cell line: (black line) Cells.(red line) Cells + goat-anti-rabbit-FITC.(green line) Cells + Anti-TMEM119 (extracellular) Antibody (ABIN7043859, ABIN7044740 and ABIN7044741), (2.5 µg) + goat-anti-rabbit-FITC.

### Western Blotting

**Image 3.** Western blot analysis of mouse brain membranes (lanes 1 and 3) and rat brain membranes (lanes 2 and 4): - 1, 2. Anti-TMEM119 (extracellular) Antibody (ABIN7043859, ABIN7044740 and ABIN7044741), (1:200). 3, 4. Anti-TMEM119 (extracellular) Antibody, preincubated with TMEM119 (extracellular) Blocking Peptide (#BLP-NR175).