

For Research Use Only

# Anti-Human TMEM119 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98677-3-PBS



## Basic Information

<b>Catalog Number:</b> 98677-3-PBS	<b>GenBank Accession Number:</b> NM_181724	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1mg, 3 mg/ml	<b>GeneID (NCBI):</b> 338773	<b>CloneNo.:</b> 251557E2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q4V9L6	
<b>Isotype:</b> IgG	<b>Full Name:</b> transmembrane protein 119	
<b>Immunogen Catalog Number:</b> EG1823	<b>Calculated MW:</b> 29kd	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
human

## Background Information

TMEM119 (Transmembrane Protein 119), also known as OBIF (Osteoblast Induction Factor), is a type I transmembrane protein that serves as a highly specific marker for resident microglia in the central nervous system (CNS). TMEM119 immunohistochemistry might provide a useful tool for investigating the biology and pathology of human microglia (PMID: 26250788).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

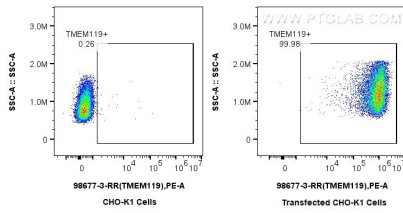
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

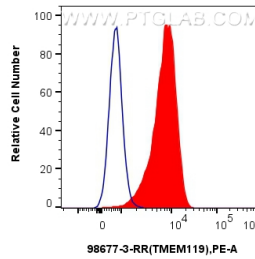
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

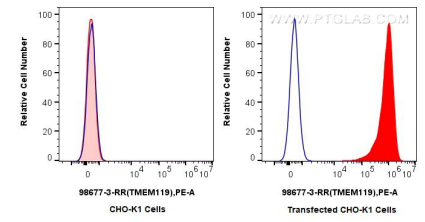
## Selected Validation Data



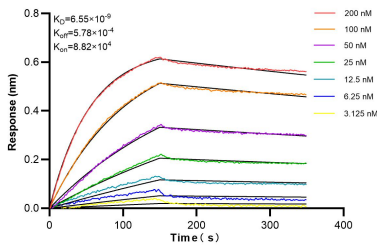
1x10<sup>6</sup> CHO-K1(left) or TMEM119-transfected CHO-K1(right) were surface stained with 0.25 ug Anti-Human TMEM119 Rabbit RecAb (98677-3-RR, Clone:251557E2) and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98677-3-PBS in a different storage buffer formulation.



1x10<sup>6</sup> SH-SY5Y cells were stained with 0.25 ug Anti-Human TMEM119 Rabbit RecAb (98677-3-RR, Clone:251557E2) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue) and PE-conjugated Goat Anti-Rabbit IgG. Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody clone with 98677-3-PBS in a different storage buffer formulation.



1x10<sup>6</sup> CHO-K1(left) or TMEM119-transfected CHO-K1(right) were surface stained with 0.25 ug Anti-Human TMEM119 Rabbit RecAb (98677-3-RR, Clone:251557E2) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue) and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98677-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98677-3-RR against Human TMEM119 were performed. The affinity constant is 6.55 nM.