

For Research Use Only

Anti-Human TMEM119 Rabbit Recombinant Antibody

Catalog Number: 98677-3-RR



Basic Information

Catalog Number:

98677-3-RR

Concentration:

100ug, 1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1823

GenBank Accession Number:

NM_181724

GeneID (NCBI):

338773

UNIPROT ID:

Q4V9L6

Full Name:

transmembrane protein 119

Calculated MW:

29kd

Purification Method:

Protein A purification

CloneNo.:

251557E2

Recommended Dilutions:

FC: 0.25 ug per 10^6 cells in a 100 μ l suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : SH-SY5Y cells, Transfected CHO-K1

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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

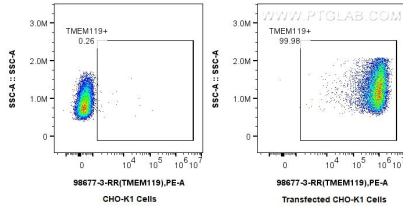
T: 4006900926

E: Proteintech-CN@ptglab.com

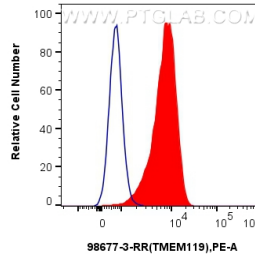
W: ptgcn.com

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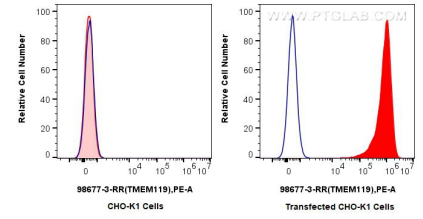
Selected Validation Data



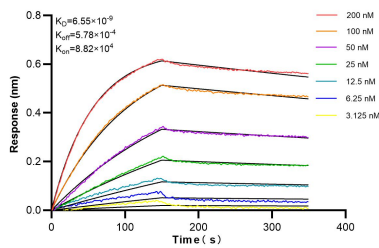
1x10⁶ CHO-K1(left) or TMEM119-transfected CHO-K1(right) were surface stained with 0.25 ug Anti-Human TMEM119 Rabbit RecAb (98677-3-RR, Clone:251557E2) and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed.



1x10⁶ 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).



1x10⁶ 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.



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