

For Research Use Only

Anti-Human TMEM119 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98677-3-PBS



Basic Information

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

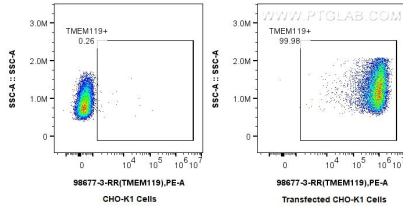
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

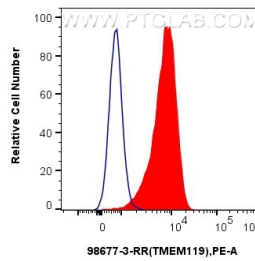
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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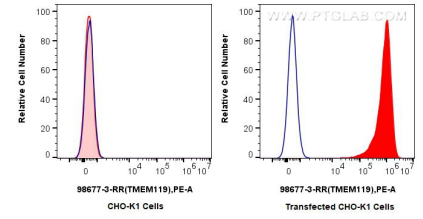
Selected Validation Data



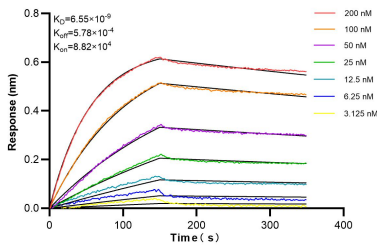
1x10⁶ CHO-K1(left) or TMEM119-transfected CHO-K1(right) were surface stained with 0.25 ug Anti-Human TMEM119 Rabbit RecAb (98677-3-RR, Clone:251557E2) and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98677-3-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 98677-3-PBS in a



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. 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.