

For Research Use Only

# TMEM119 Recombinant antibody

Catalog Number: 83448-6-RR



## Basic Information

<b>Catalog Number:</b> 83448-6-RR	<b>GenBank Accession Number:</b> NM_181724.2	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 338773	<b>CloneNo.:</b> 240433F2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q4V9L6	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Full Name:</b> transmembrane protein 119	
	<b>Calculated MW:</b> 29 kDa	
	<b>Observed MW:</b> 52 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, mouse cerebellum tissue, rat brain tissue
<b>Species Specificity:</b> mouse, rat	

## Background Information

TMEM119 immunohistochemistry might provide a useful tool for investigating the biology and pathology of human microglia (PMID: 26250788). Microglia can be detected clearly using Catalog#66948-1-Ig. The predicted MW of TMEM119 is 29 kDa. Catalog#66948-1-Ig recognizes 50 kDa band may due to glycosylation.

## Storage

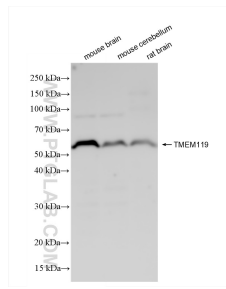
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

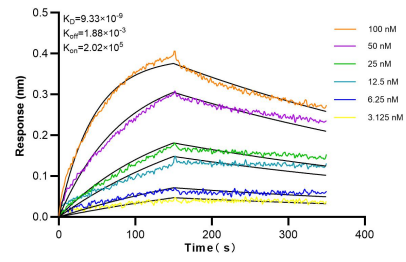
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83448-6-RR (TMEM119 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83448-6-RR against Human TMEM119 were performed. The affinity constant is 9.33 nM.