

For Research Use Only

TMEM119 Polyclonal antibody

Catalog Number: 27585-1-AP

22 Publications



Basic Information

Catalog Number:

27585-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26269

GenBank Accession Number:

NM_181724

GeneID (NCBI):

338773

UNIPROT ID:

Q4V9L6

Full Name:

transmembrane protein 119

Calculated MW:

29 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC: 1:400-1:1600

IF-P: 1:200-1:800

FC (Intra): 0.40 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

IHC, IF-P, FC (Intra), ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC: mouse brain tissue,

IF-P: mouse brain tissue, mouse liver tissue

FC (Intra): HEK-293 cells,

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# 27585-1-AP.

Notable Publications

Author	Pubmed ID	Journal	Application
Eilam Yeini	33771989	Nat Commun	FC
Elise Vankriekelsvenne	35246882	Glia	IF
Christian F Guerrero-Juarez	35687691	Sci Adv	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

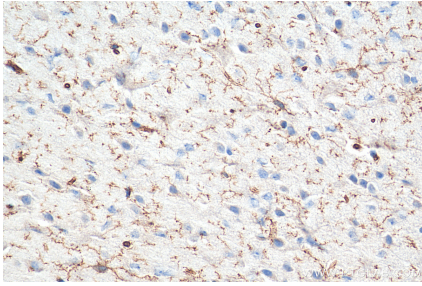
T: 4006900926

E: Proteintech-CN@ptglab.com

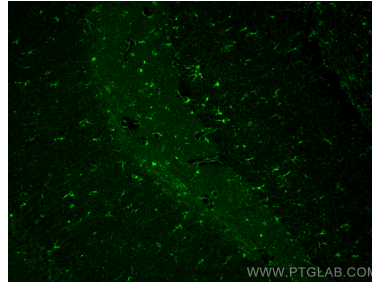
W: ptgcn.com

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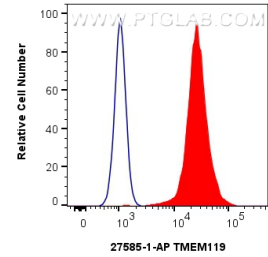
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 27585-1-AP (TMEM119 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using TMEM119 antibody (27585-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ HEK-293 cells were intracellularly stained with 0.4 ug TMEM119 Polyclonal antibody (27585-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.4 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).