

# Product Datasheet

## TMEM119 Antibody (CL8714) - BSA Free NBP2-76985

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-76985**

TMEM119 Antibody (CL8714) - BSA Free

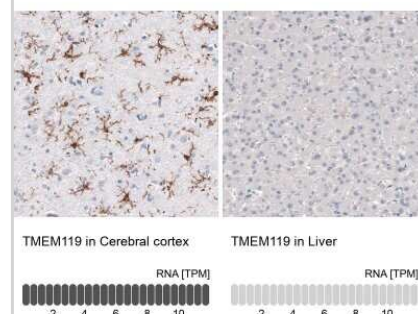
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL8714
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	338773
Gene Symbol	TMEM119
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from Q4V9L6, with the exact immunogen sequence remaining proprietary.

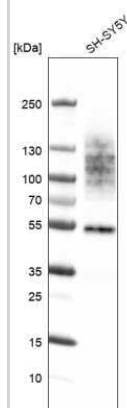
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/mL, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 2-10 ug/mL, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100.

**Images**

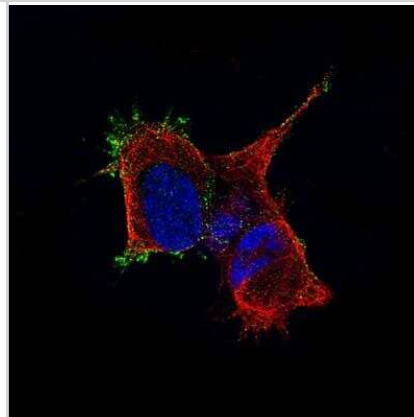
Immunohistochemistry-Paraffin: TMEM119 Antibody (CL8714) [NBP2-76985] - Analysis in human cerebral cortex and liver tissues. Corresponding TMEM119 RNA-seq data are presented for the same tissues.



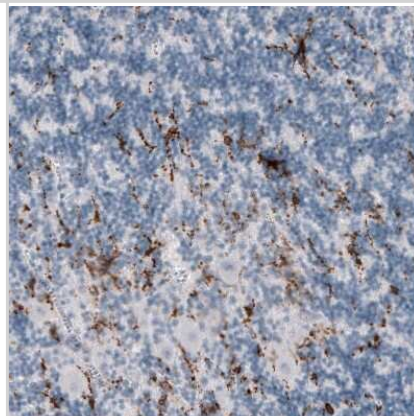
Western Blot: TMEM119 Antibody (CL8714) [NBP2-76985] - Analysis in human cell line SH-SY5Y.



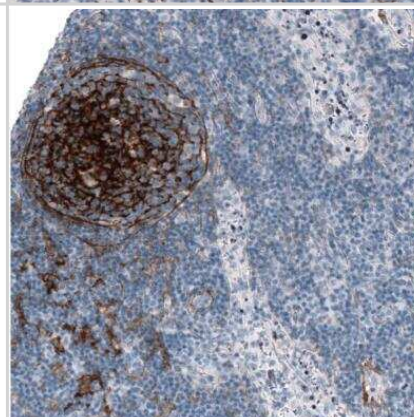
Immunocytochemistry/Immunofluorescence: TMEM119 Antibody (CL8714) [NBP2-76985] - Staining of SH-SY5Y cells using the Anti-TMEM119 monoclonal antibody, showing specific staining to the plasma membrane in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



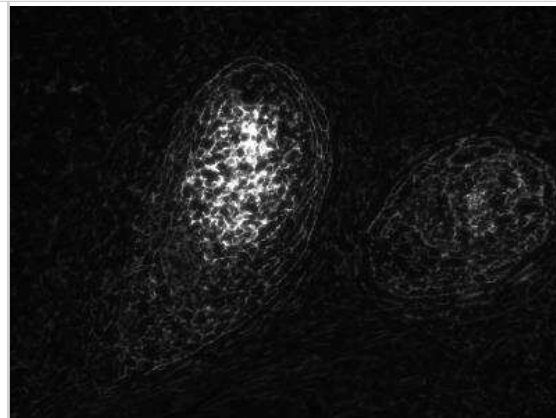
Immunohistochemistry-Paraffin: TMEM119 Antibody (CL8714) [NBP2-76985] - Staining of human cerebellum shows strong membranous positivity in microglia.



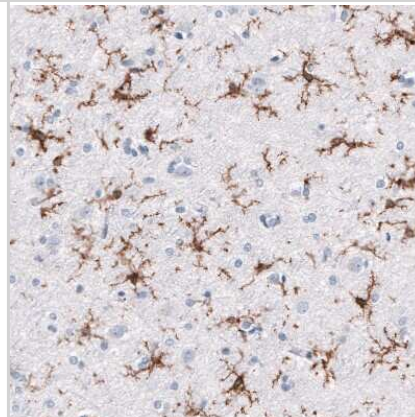
Immunohistochemistry-Paraffin: TMEM119 Antibody (CL8714) [NBP2-76985] - Staining of human lymphoid tissues shows strong membranous positivity in germinal center cells.



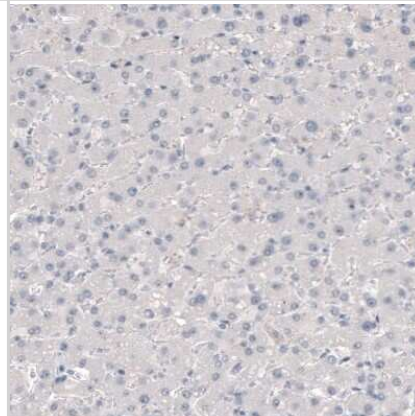
Immunohistochemistry-Paraffin: TMEM119 Antibody (CL8714) [NBP2-76985] - TMEM119 on human FFPE tonsil, 1:100 and pH 9 antigen retrieval. Image submitted by a verified customer review.



Immunohistochemistry-Paraffin: TMEM119 Antibody (CL8714) [NBP2-76985] - Staining of human cerebral cortex shows strong membranous positivity in microglia.



Immunohistochemistry-Paraffin: TMEM119 Antibody (CL8714) [NBP2-76985] - Staining of human liver shows no positivity in hepatocytes as expected.



## Publications

DeMarino C, Lee MH, Cowen M et al. Detection of SARS-CoV-2 Nucleocapsid and Microvascular Disease in the Brain: A Case Report Neurology 2023-03-28 [PMID: 36526429] (Immunohistochemistry, Human)



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### **Products Related to NBP2-76985**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-30551PEP	TMEM119 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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