

# 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**

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

**Product Description**

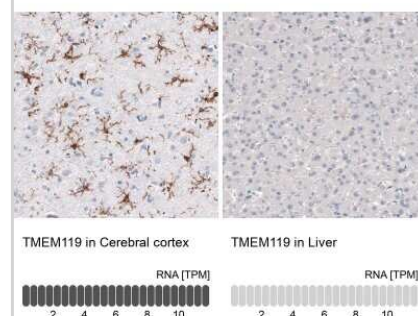
<b>Description</b>	Novus Biologicals Mouse TMEM119 Antibody (CL8714) - BSA Free (NBP2-76985) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TMEM119 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	338773
<b>Gene Symbol</b>	TMEM119
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from Q4V9L6, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

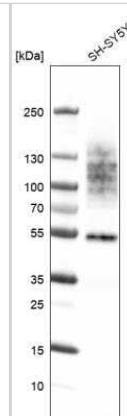
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1 ug/mL, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 2-10 ug/mL, Immunohistochemistry-Paraffin 1:5000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

**Images**

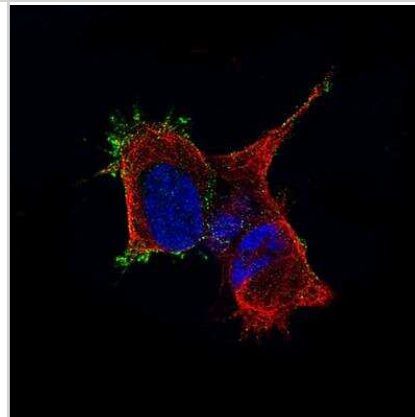
Immunohistochemistry-Paraffin: TMEM119 Antibody (CL8714) [NBP2-76985] - Analysis in human cerebral cortex and liver tissues. Corresponding TMEM119 RNA-seq data are presented for the same tissues.



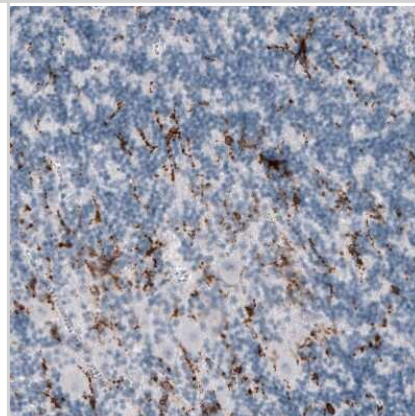
Western Blot: TMEM119 Antibody (CL8714) [NBP2-76985] - Analysis in human cell line SH-SY5Y.



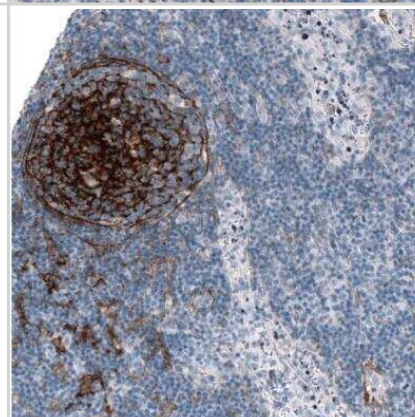
Immunocytochemistry/Immunofluorescence: TMEM119 Antibody (CL8714) [NBP2-76985] - Staining of SH-SY5Y cells using the Anti-TMEM119 monoclonal antibody, showing specific staining to the plasma membrane in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).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



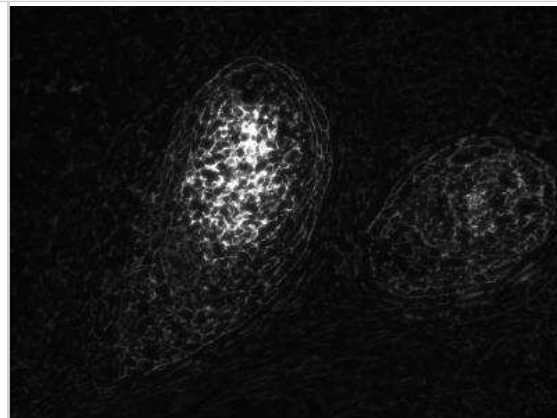
Immunohistochemistry-Paraffin: TMEM119 Antibody (CL8714) [NBP2-76985] - Staining of human cerebellum shows strong membranous positivity in microglia.



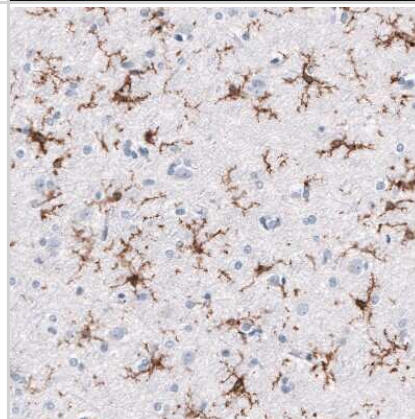
Immunohistochemistry-Paraffin: TMEM119 Antibody (CL8714) [NBP2-76985] - Staining of human lymphoid tissues shows strong membranous positivity in germinal center cells.



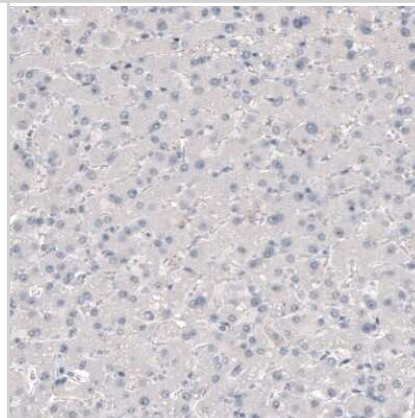
Immunohistochemistry-Paraffin: TMEM119 Antibody (CL8714) [NBP2-76985] - TMEM119 on human FFPE tonsil, 1:100 and pH 9 antigen retrieval. Image submitted by a verified customer review.



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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