

Anti-TMEM119 Recombinant Chicken Chimeric mAb

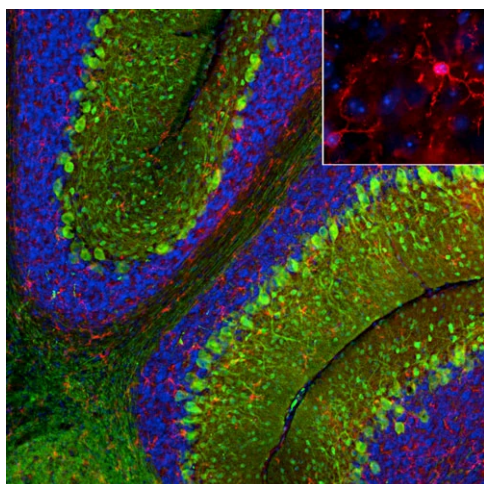


Product Details

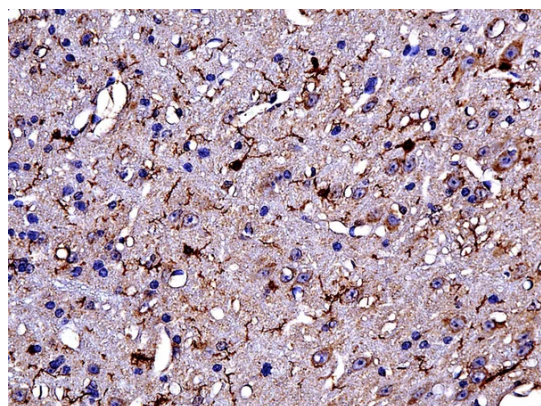
Available Variants	100 µL (SKU:78-512) 20 µL (SKU:78-512-020)
Conjugate	Unconjugated
Isotype	IgY
Clone	L128/43
Gene Name	TMEM119
Host Species	Chicken
Concentration	1 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of our NeuroMab clone L128/43 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone L128/43 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media.
Applications	ELISA, ICC, IHC, WB
Species Reactivity	Mouse
Immunogen	Fusion protein amino acids 113-280 (cytoplasmic C-terminus) of mouse Tmem119
Specificity	No cross-reactivity reported
Molecular Weight	30 kDa

Quality Control	Each new lot of this antibody is tested to confirm that it shows the expected staining pattern when used to stain COS cells overexpressing target.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
UniProt ID	<u>Q8R138</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

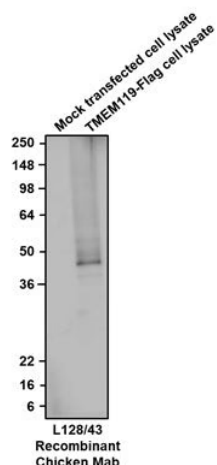
Product Images



Representative image of 4% paraformaldehyde fixed free-floating mouse cerebellum sections stained with Aves Labs anti-TMEM119 recombinant chicken monoclonal antibody (red, Cat No. 78-512) at 1:1000 dilution and co-stained with anti-Parvalbumin mouse monoclonal antibody (green). DAPI nuclear stain (blue) shows cell nuclei. Anti-TMEM119 specifically stains the microglial cells in the cerebellum. Image courtesy of EnCor Biotechnology.



Representative image of 4% paraformaldehyde fixed free-floating mouse cortex sections stained with Aves Labs anti-TMEM119 recombinant chicken monoclonal antibody (Cat No. 78-512) at 1:1000 dilution. Anti-TMEM119 specifically stains the microglial cells in the mouse cortex. Image courtesy of EnCor Biotechnology.



Western blotting of mock transfected and TMEM119-FLAG transfected COS-7 lysates with Aves Labs anti-TMEM119 recombinant chicken mAb (Cat. 78-512) antibody (10 μ g/mL) and detected with anti-chicken-HRP. Aves Labs recombinant chicken anti-TMEM119 mAb recognizes exogenous TMEM119 only in TMEM119-FLAG transfected COS-7 lysates at ~40 kDa.

Product Page URL: www.antibodiesinc.com/products/anti-tmern119-recombinant-antibody-l128-43-78-512



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