

Anti-Parvalbumin Recombinant Chicken Chimeric mAb

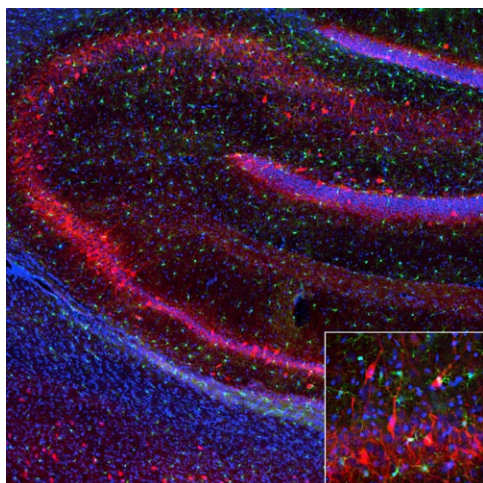


Product Details

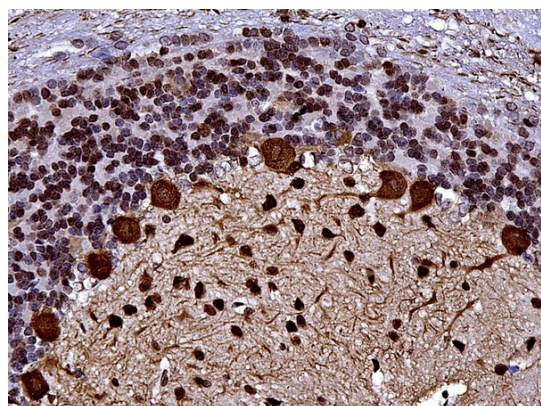
Available Variants	100 µL (SKU:78-479) 20 µL (SKU:78-479-020)
Conjugate	Unconjugated
Isotype	IgY
Clone	L114/81
Gene Name	Pvalb Pva
Host Species	Chicken
Concentration	1 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of our NeuroMab clone L114/81 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone L114/81 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	AT, ELISA, ICC, IHC, WB
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein amino acids 1-110 (full-length) of rat Parvalbumin (accession number P02625) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	12 kDa

Quality Control	Each new lot of antibody is quality control tested by Western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
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.
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.

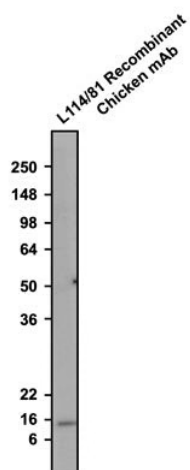
Product Images



Representative image of 4% paraformaldehyde fixed free-floating rat hippocampus sections stained with Aves Labs anti-Parvalbumin recombinant chicken monoclonal antibody (red, Cat No. 78-479) at 1:1000 dilution and co-stained with anti-Iba1 rabbit polyclonal antibody (green). DAPI nuclear stain (blue) shows cell nuclei. Anti-Parvalbumin specifically stains the GABAergic interneurons in the cerebellum. Image courtesy of EnCor Biotechnology.



Representative image of 4% paraformaldehyde fixed free-floating rat cerebellum sections stained with Aves Labs anti-Parvalbumin recombinant chicken monoclonal antibody (Cat No. 78-479) at 1:1000 dilution. Anti-Parvalbumin specifically stains the Purkinje cells and other neurons in the molecular layer of the cerebellum. Magnification 400X. Image courtesy of EnCor Biotechnology.



Western blotting of rat whole brain homogenate with Aves Labs anti-Parvalbumin recombinant chicken mAb (Cat. 78-479) antibody (10 µg/ml) and detected with anti-chicken-HRP. Aves Labs recombinant chicken anti-Parvalbumin mAb recognizes endogenous Parvalbumin in the rat whole brain homogenate at ~12 kDa.

Product Page URL: www.antibodiesinc.com/products/anti-parvalbumin-recombinant-antibody-l114-81-78-479



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