

Anti-Ankyrin-G Recombinant Chicken Chimeric mAb

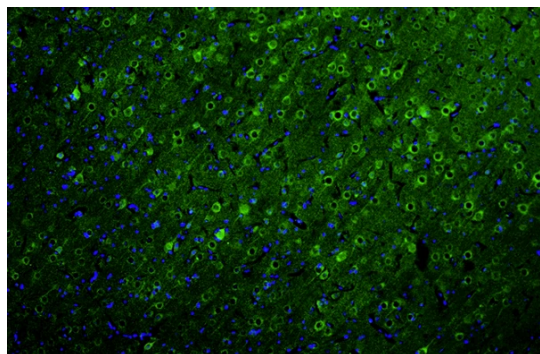


Product Details

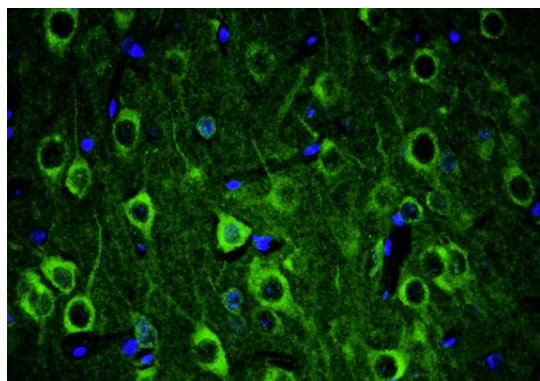
Available Variants	100 µL (SKU:78-146) 20 µL (SKU:78-146-020)
Conjugate	Unconjugated
Isotype	IgY
Clone	N106/36
Gene Name	ANK3
Host Species	Chicken
Concentration	1 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N106/36 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N106/36 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, IP, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500 ICC: 1:500
Species Reactivity	Feline, Hamster, Human, Mouse, Non-Human Primate, Rat

Immunogen	Fusion protein ~1000 amino acids of Ankyrin-G (accession number E9PE32) produced recombinantly in E. Coli
Specificity	Does not cross-react with Ankyrin-B.
Molecular Weight	>200 kDa
Quality Control	Each new lot of antibody is quality control tested by IHC on either rat or mouse brain and confirmed to give the expected staining pattern.
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	E9PE32
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 section of formalin fixed, paraffin-embedded rat brain cerebral cortex showing neurons stained by Ankyrin-G (ANK3) recombinant chicken monoclonal antibody (visualized in green) (Cat. 78-146). The stained sections were mounted with Antibodies Incorporated Fluoroshield with DAPI and DABCO mounting medium (Cat. AR-6505). DAPI nuclear stain (blue) shows cell nuclei. Anti-Ankyrin-G specifically stains the neuronal cell body and axon initial segment (AIS) in the cerebral cortex. Mag. 100X.



Representative section of formalin fixed, paraffin-embedded rat brain cerebral cortex showing neurons stained by Ankyrin-G (ANK3) recombinant chicken monoclonal antibody (visualized in green) (Cat. 78-146). The stained sections were mounted with Antibodies Incorporated Fluoroshield with DAPI and DABCO mounting medium (Cat. AR-6505). DAPI nuclear stain (blue) shows cell nuclei. Anti-Ankyrin-G specifically stains the neuronal cell body and axon initial segment (AIS) in the cerebral cortex. Mag. 400X.

Product Page URL: www.antibodiesinc.com/products/anti-ankyrin-g-staining-recombinant-antibody-n106-36-78-146



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