

## Anti-Cavbeta4 Ca<sup>2+</sup> Channel Antibody FL594 Conjugate



### Product Details

<b>Available Variants</b>	200 µL (SKU:75-054-FL594)
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG1
<b>Clone</b>	N10/7
<b>Gene Name</b>	Cacnb4 Cacnlb4
<b>Host Species</b>	Mouse
<b>Concentration</b>	Lot dependent: provided at 0.3-0.5 mg/mL
<b>Format</b>	Purified by Protein A chromatography
<b>Physical State</b>	Liquid
<b>Buffer</b>	PBS with 0.09% azide
<b>Production Notes</b>	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
<b>Applications</b>	ICC, IHC
<b>Species Reactivity</b>	Human, Mouse, Pig, Rat
<b>Immunogen</b>	Synthetic peptide amino acids 458-474 of rat Cav4 (DENYHNERARKSRNRLS; accession number D4A055)
<b>Specificity</b>	No cross-reactivity against rat Cavβ1b, Cavβ2a, and Cavβ3 in transfected cells
<b>Molecular Weight</b>	50 kDa
<b>Quality Control</b>	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.
<b>Storage</b>	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to

removing the cap.

<b>Antibody Registry ID</b>	AB_2939238
<b>UniProt ID</b>	<u>D4A055</u>
<b>Country of Origin</b>	United States
<b>Shipping</b>	Shipped on ice packs
<b>Expiration</b>	12 months from date of receipt
<b>Usage Statement</b>	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

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## Product Images



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Product Page URL: [www.antibodiesinc.com/products/anti-cavbeta4-ca2-channel-antibody-n10-7-75-054-fl594](http://www.antibodiesinc.com/products/anti-cavbeta4-ca2-channel-antibody-n10-7-75-054-fl594)



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