

Product Datasheet

Anti-CASPR/Neurexin IV Antibody FL594 Conjugate



Overview

Catalog #	75-001-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone Number	K65/35
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Gerbil, Human, Mouse, and Rat
Immunogen	Fusion protein 1308-1381 (cytoplasmic domain) of rat Caspr (accession number P97846) produced recombinantly in E. Coli
Molecular Weight	220 kDa
Cite this Antibody	Antibodies Inc Cat# 75-001-FL594, RRID: AB_2939066

Details

Target Description	CASPR (Neurexin IV) is part of the neurexin family, which includes presynaptic proteins located in the presynaptic membrane of the brain.
Specificity	No cross-reactivity reported
Purification Method	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.
Quality Control Tests	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 ≤ -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.

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