

Product Datasheet

Anti-Bassoon Antibody FL550 Conjugate



Overview

Catalog #	75-491-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG2b
Clone Number	L124/59
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	Mouse and Rat
Immunogen	Fusion protein amino acids 157-517 (zinc finger domains) of rat Bassoon (accession number O88778) produced recombinantly in E. Coli
Molecular Weight	400 kDa for full-length protein, many smaller bands possible depending on sample used
Cite this Antibody	Antibodies Inc Cat# 75-491-FL550, RRID: AB_2940641

Details

Target Description	Bassoon is a large (420-kDa) scaffolding protein specifically localized at the active zone of presynaptic nerve terminals. Bassoon is involved in the development of presynaptic terminals and in the regulation of neurotransmitter release at both excitatory and inhibitory brain synapses (Richter K. et al., 1999).
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 IHC on either rat or mouse brain and confirmed to give the expected staining pattern.
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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