

Product Datasheet

Anti-Celf4/Brunol4 Antibody FL550 Conjugate



Overview

Catalog #	75-438-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG2a
Clone Number	N446/80
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	Human, Mouse, and Rat
Immunogen	Fusion protein amino acids 2-87 (N-terminus) of human Celf4 (accession number Q9BZC1) produced recombinantly in E. Coli
Molecular Weight	50 kDa
Cite this Antibody	Antibodies Inc Cat# 75-438-FL550, RRID: AB_2940461

Details

Target Description	CUGBP Elav-like family member 4 (CELF4), or Brunol4 is encoded by the gene CELF4. CELF4 is a RNA-binding protein which is involved in the regulation of pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. CELF4 is expressed ubiquitously in tissues, and strongly expressed in brain. Diseases associated with CELF4 include Speech and Communication Disorders and Specific Language Impairment.
Specificity	Does not cross-react with Celf6
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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