

Product Datasheet

Anti-RBM17/SPF45 Antibody FL490 Conjugate



Overview

Catalog #	75-234-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N219/5
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 100-200 of human RBM17 (accession number Q96I25) produced recombinantly in E. Coli
Molecular Weight	45-52 kDa
Cite this Antibody	Antibodies Inc Cat# 75-234-FL490, RRID: AB_2939852

Details

Target Description	RNA-Binding Motif Protein 17 or Splicing factor 45 is encoded by the gene RBM17. RBM17 is a component of the spliceosome complex and displays catalytic activity during mRNA splicing. RBM17 is involved in alternative splicing, resulting in different isoforms of a gene. RBM is also thought to play a role in DNA repair (Red: Chaouki et al 2006) RBM17 is widely expressed in the nucleus and important for development. Diseases associated with this gene include sickle cell anemia and forms of Ataxia 1.
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 $\leq -20^{\circ}\text{C}$ 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.

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