

Product Datasheet

Anti-Dicer Antibody FL650 Conjugate



Overview

Catalog #	75-196-FL650
Conjugate	FL650 Ex: 655 nm, Em: 676 nm
Isotype	IgG1
Clone Number	N167/7
Size	200 μ L
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 1638-1899 of mouse Endoribonuclease Dicer (accession number Q8R418) produced recombinantly in E. Coli
Molecular Weight	215 kDa
Cite this Antibody	Antibodies Inc Cat# 75-196-FL650, RRID: AB_2939727

Details

Target Description	Endoribonuclease Dicer or Dicer 1, Ribonuclease III is encoded by the gene DICER1. DICER1 acts as a double stranded (ds) ribonuclease and plays a role in short post transcriptional gene silencing. DICER1 cleaves full length dsRNA and miRNA into smaller molecules 21-23 nucleotides in length, called siRNAs and microRNAs. Dicer1 is expressed in a variety of tissues, including brain. Diseases associated with this gene include Pleuropulmonary Blastoma, Glow Syndrome and Wilms Tumor.
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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