

Product Datasheet

Anti-DNMT3L Antibody FL490 Conjugate



Overview

Catalog #	75-153-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N117/9
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
Species Reactivity	Human
Immunogen	Fusion protein amino acids 1-387 (full-length) of human DNMT3L (accession number BAA95556) produced recombinantly in E. Coli
Molecular Weight	45 kDa
Cite this Antibody	Antibodies Inc Cat# 75-153-FL490, RRID: AB_2939564

Details

Target Description	DNA (cytosine-5)-methyltransferase 3-like or DNMT3L is encoded by the gene DNMT3L. DNMT3L is a nuclear, catalytically inactive, regulatory factor of DNA methyltransferases. DNMT3L mediates transcriptional repression through interaction with histone deacetylase 1. It is thought to be required for the establishment of maternal genomic imprints. DNMT3L is expressed in several tissues including testis, ovary, and thymus. Diseases associated with DNMT3L include Testicular Spermatoctytic Seminoma and Immunodeficiency-Centromeric Instability-Facial Anomalies Syndrome.
Specificity	No cross-reactivity against DNMT3A or DNMT3B
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 on cells overexpressing target protein and confirmed to give the expected staining pattern.

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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As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

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