

Anti-Dnmt3l Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A04214-2-Fluoro488

About Dnmt3l

DNA (cytosine-5)-methyltransferase 3-like is an enzyme that in humans is encoded by the DNMT3L gene. CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a nuclear protein that is a catalytically inactive regulatory factor of DNA methyltransferases. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Overview

Product Name	Anti-Dnmt3l Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q9CWR8

Technical Details

Immunogen	E.coli-derived mouse Dnmt3l recombinant protein (Position: A43-L421).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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Anti-Dnmt3I Antibody - Fluoro488

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