Anti-Human DNMT3B-164Dy

Catalog: 3164021B
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Reactivity: Human,

Isotype: IgG2a
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 x 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

DNMT3B, also known as DNA methyltransferase 3B or DNA MTase HsAIIB, is a 95-110 kDa member of the C5-methyltransferase family of enzymes. It functions as de novo methyltransferases and is essential for the establishment of DNA methylation patterns during development. DNMT3B is ubiquitously expressed in the embryo and found associated with nuclear pericentric heterochromatin. It is expressed at very low level in most tissues except the testis, thyroid and bone marrow. DNMT3B level is profoundly increased in various cancers, including acute and chronic myelogenous leukemias, in addition to colon, breast and stomach carcinomas.

References


For technical support visit fluidigm.com/support

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