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Datasheet for ABIN7258842

anti-DNMT3A antibody (2meLys44)

4 Images

Overview

Quantity:	200 µL
Target:	DNMT3A
Binding Specificity:	2meLys44
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNMT3A antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic dimethylated peptide around K44 of mouse DNMT3A (NP_031898.1).
Isotype:	IgG
Characteristics:	Methylated antibody
Purification:	Affinity purification

Target Details

Target:	DNMT3A
Alternative Name:	DNMT3A (DNMT3A Products)
Background:	CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA

Target Details

methylation is required for mammalian development. This gene encodes a DNA methyltransferase that is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes to the cytoplasm and nucleus and its expression is developmentally regulated.

Gene ID: 13435

UniProt: [O88508](#)

Application Details

Application Notes: IF 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

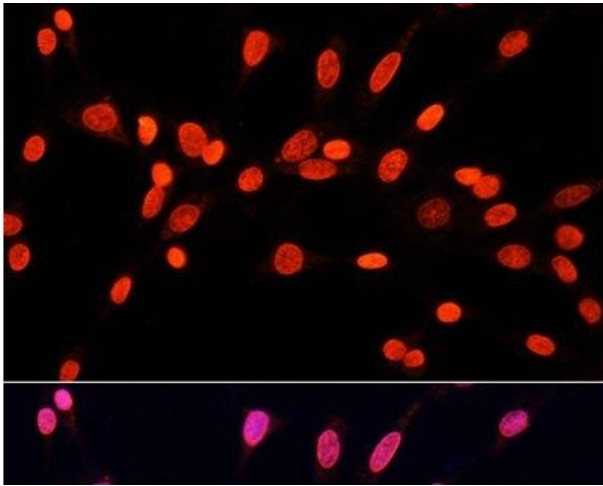
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

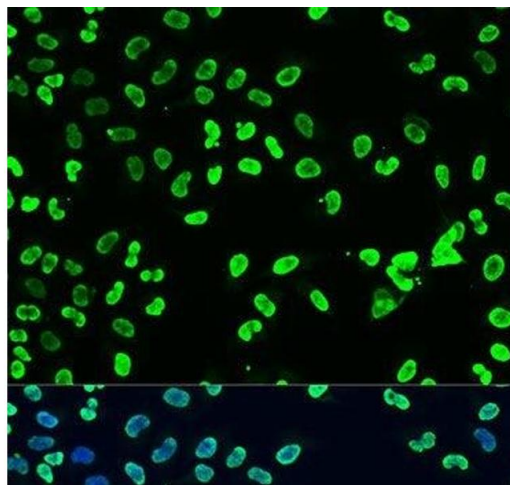
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



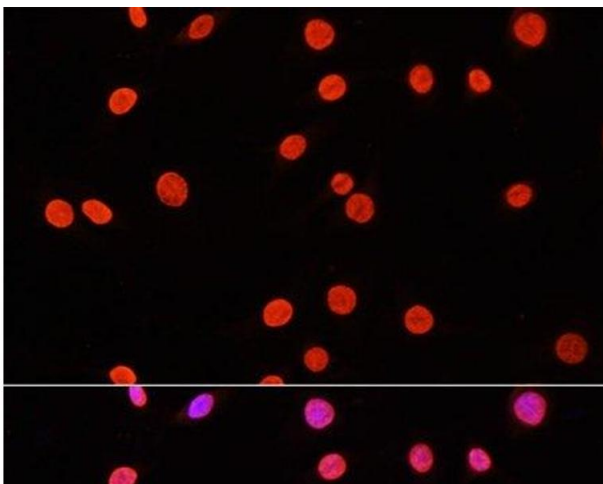
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using DiMethyl-DNMT3A-K44 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence

Image 2. Immunofluorescence analysis of U2OS cells using DiMethyl-DNMT3A-K44 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence

Image 3. Immunofluorescence analysis of C6 cells using DiMethyl-DNMT3A-K44 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7258842.