

Recombinant Dnmt3a Monoclonal Antibody

catalog number: **AN301186L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

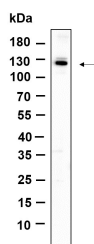
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Dnmt3a protein
Host	Rabbit
Isotype	IgG, κ
Clone	B945
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

IHC	1:100-1:500
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

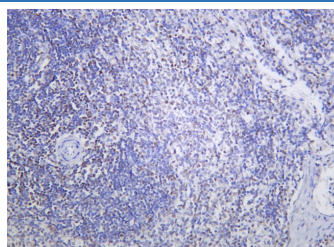
Data



Western Blot with Recombinant Dnmt3a Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Rat brain lysate.

Observed-MW:130 kDa

Calculated-MW:102 kDa



Immunohistochemistry of paraffin-embedded rat spleen using Recombinant Dnmt3a Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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 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.

For Research Use Only

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