Recombinant Dnmt3a Monoclonal Antibody

catalog number: **AN301186L**

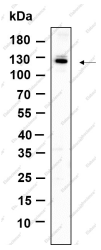
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Dnmt3a protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110809
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

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

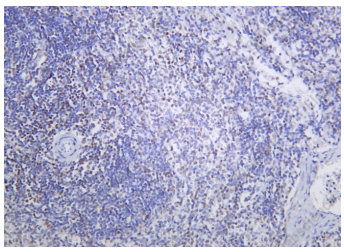
Data



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.

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