

Recombinant MBD2 Monoclonal Antibody

catalog number: **AN301905L**

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

Description

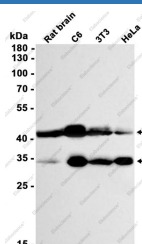
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human MBD2
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111526
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:1000
IHC	1:20-1:500
ICC/IF	1:100
IP	1:20
FCM	1:20

Data

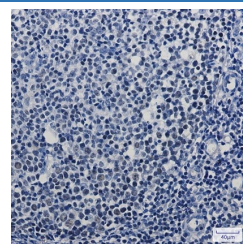


Western blot analysis of C6, 3T3, HeLa and Rat brain cell lysates using MBD2 Antibody (AN301905L) at a dilution of 1:1000.

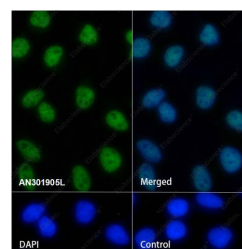
Observed-MW:43 kDa
Calculated-MW:43 kDa



Immunofluorescent analysis of HL-60 cells using MBD2 Antibody(AN301905L) (green), and DAPI (blue).



Immunohistochemical analysis of paraffin-embedded Human tonsil sections using MBD2 Antibody (AN301905L).



Immunofluorescence analysis of HeLa cells using MBD2 Antibody(AN301905L). Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

Preparation & Storage

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

Background

For Research Use Only

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Rev. V1.6

MBD2, also named as DMTase, binds CpG islands in promoters where the DNA is methylated at position 5 of cytosine within CpG dinucleotides. MBD2 binds hemi-methylated DNA as well. It recruits histone deacetylases and DNA methyltransferases. MBD2 acts as transcriptional repressor and plays a role in gene silencing.