

Recombinant MBD2 Monoclonal Antibody

catalog number: **AN301905L**

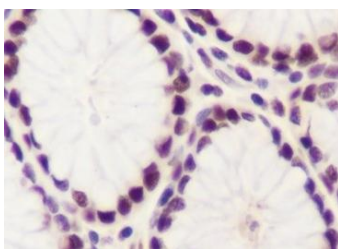
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

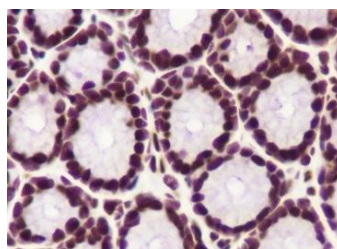
Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human MBD2 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A621
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

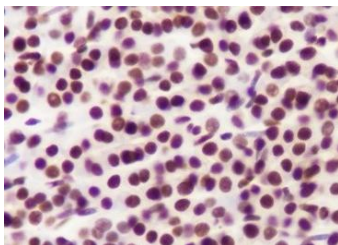
WB	1:1000
IHC	1:200-1:1000
IF	1:50



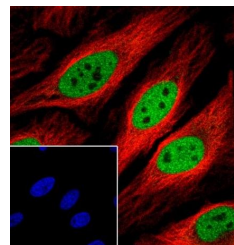
Immunohistochemistry of paraffin-embedded Human stomach using MBD2 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Mouse colon using MBD2 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat stomach using MBD2 Monoclonal Antibody at dilution of 1:200.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-MBD2 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

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

Background

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.

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