

A Reliable Research Partner in Life Science and Medicine

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 lgG, κ Clone A621

Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

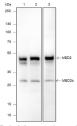
Applications Recommended Dilution

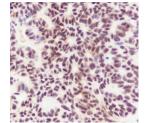
1:1000 **WB**

1:200-1:1000 **IHC**

1:50 IF

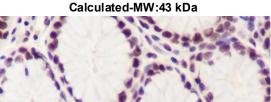
Data





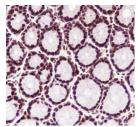
1:1000. Lane 1: HeLa, Lane 2: MCF-7, Lane 3: PC-12

Observed-MW:43, 29 kDa

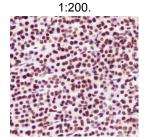


Immunohistochemistry of paraffin-embedded Human stomach using MBD2 Monoclonal Antibody at dilution of

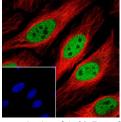
Western Blot with MBD2 Monoclonal Antibody at dilution of Immunohistochemistry of paraffin-embedded Human gastric cancer using MBD2 Monoclonal Antibody at dilution of 1:1000.



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



using MBD2 Monoclonal Antibody at dilution of 1:200.



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

For Research Use Only

Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com



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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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