

MBD2 RABBIT MAB

Cat.#: N262492

Product Name: Anti-MBD2 Rabbit Monoclonal Antibody

Synonyms: Demethylase; DMTase; Mbd2; MBD2a

UNIPROT ID: Q9UBB5

Background: Binds CpG islands in promoters where the DNA is methylated at position 5 of cytosine within CpG dinucleotides. Binds hemimethylated DNA as well. Recruits histone deacetylases and DNA methyltransferases.

Immunogen: A synthetic peptide of human MBD2

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R05-4G5

MW: Calculated MW: 43 kDa; Observed MW: 43 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

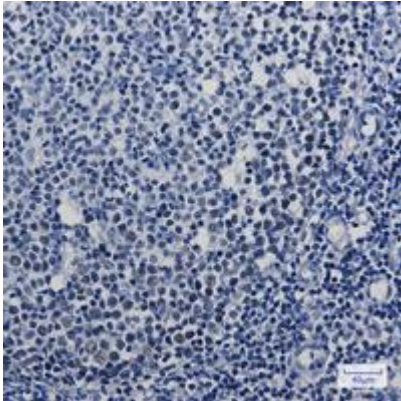
Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics,DNA methylation

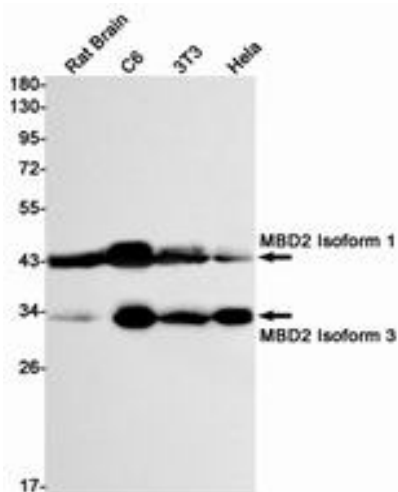
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human tonsil using MBD2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of MBD2 (green) in HL-60 using MBD2 antibody, and DAPI (blue).



Western blot analysis of MBD2 in rat Brain, C6, 3T3, HeLa lysates using MBD2 antibody.