

HMGA1 RABBIT MAB

Cat.#: N262342

Product Name: Anti-HMGA1 Rabbit Monoclonal Antibody

Synonyms: HMG R; HMG-I(Y); HMGA1; HMGA1A; HMG1Y

UNIPROT ID: P17096

Background: HMG-I/Y bind preferentially to the minor groove of A+T rich regions in double stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the transcription regulation of genes containing, or in close proximity to A+T-rich regions.

Immunogen: A synthetic peptide of human HMGA1

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: R01-9D3

MW: Calculated MW: 12 kDa; Observed MW: 18 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Rat

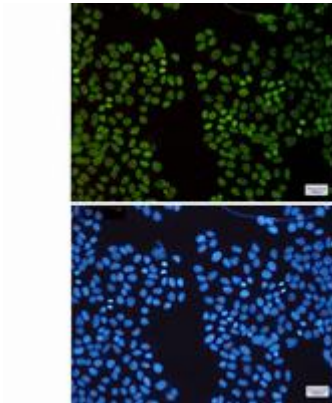
Conjugation: Unconjugated

Modification: Unmodified

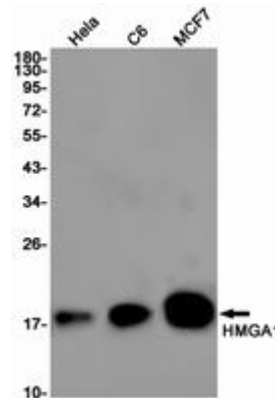
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Microbiology

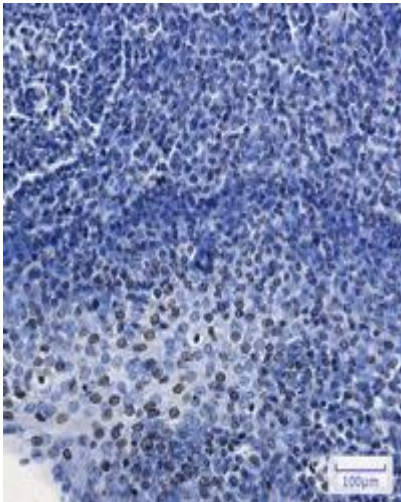
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of HMGAI (green) in HeLa using HMGAI antibody, and DAPI (blue)



Western blot analysis of HMGAI in HeLa, C6, MCF-7 lysates using HMGAI antibody.



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