

## 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

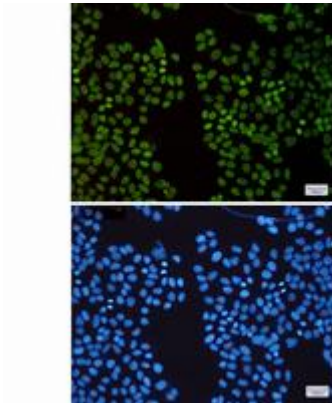
**Conjugation:** Unconjugated

**Modification:** Unmodified

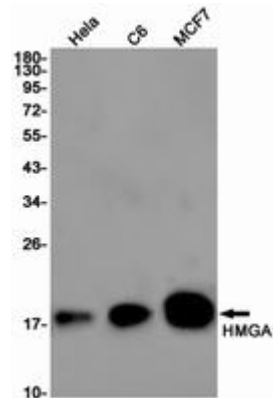
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Microbiology

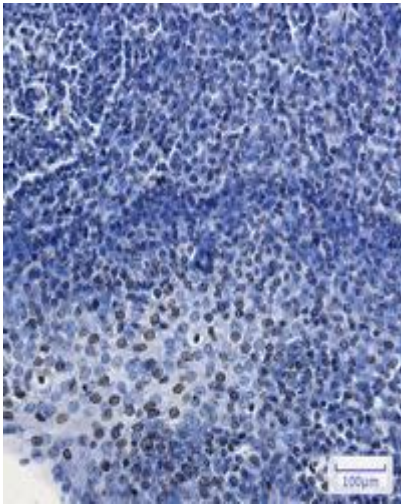
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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.