

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **HMGB1 RABBIT MAB**

Cat.#: N261656

Product Name: Anti-HMGB1 Rabbit Monoclonal Antibody

**Synonyms:** HMGB1; HMG1; High mobility group protein B1; High mobility group protein 1; HMG-1

**UNIPROT ID:** P09429

**Background:** High mobility group (HMG) proteins 1 and 2 are ubiquitous non-histone components of chromatin. Evidence suggests that the binding of HMG proteins to DNA induces alterations in the DNA architecture including DNA bending and unwinding of the helix. HMG proteins synergize with Oct-2, members of the NFkB family, ATF-2 and c-Jun to activate transcription.

**Immunogen:** A synthetic peptide of human HMGB1

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

Host Species: Rabbit

Clonality: Rabbit Monoclonal

**Clone ID:** R07-2D8

MW: Calculated MW: 25 kDa; Observed MW: 25 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

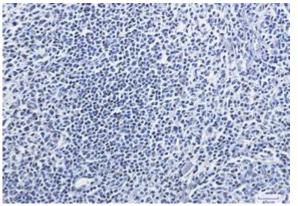
**Research Areas:** Epigenetics and Nuclear Signaling

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

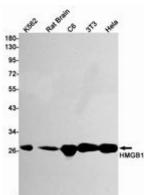


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Immunohistochemistry analysis of paraffin-embedded Human tonsil using HMGB1 antibody.Highpressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of HMGB1 in K562, rat Brain, C6, 3T3, Hela Iysates using HMGB1 antibody.