

## HMGB1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC ICC IF FC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100  
FC 1:10 - 1:50

**Calculated MW:** 25 kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human HMGB1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HMG1; HMG3; HMG-1; SBP-1;

**Catalog #:** A10889

**Antibody Type:**

Monoclonal Antibody

**Species:** Rabbit

**Gene ID:** 3146

**Isotype:** IgG

**Swiss Prot:** P09429

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein.

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