

# HMGB3 Antibody, FITC conjugated



PACO55544

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## Product Information

**Size:**

50ug

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA

**Recommended dilutions:****Protein Background:**

Multifunctional protein with various roles in different cellular compartments. May act in a redox sensitive manner. Associates with chromatin and binds DNA with a preference to non-canonical DNA structures such as single-stranded DNA. Can bent DNA and enhance DNA flexibility by looping thus providing a mechanism to promote activities on various gene promoters. Proposed to be involved in the innate immune response to nucleic acid, by acting as a cytoplasmic promiscuous immunogenic DNA/RNA sensor. Negatively regulates B-cell and myeloid cell differentiation. In hematopoietic stem cells may regulate the balance between self-renewal and differentiation. Involved in negative regulation of canonical Wnt signaling.

**Gene ID:**

HMGB3

**Uniprot**

O15347

**Synonyms:**

High mobility group protein B3 (High mobility group protein 2a) (HMG-2a) (High mobility group protein 4) (HMG-4), HMGB3, HMG2A HMG4

**Immunogen:**

Recombinant Human High mobility group protein B3 protein (1-103AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

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N/A

N/A