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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09248 - Goat Anti-HMGB3 / HMG4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HMGB3, high-mobility group box 3, HMG2A, HMG4, MGC90319, high-mobility group (nonhistone chromosomal) protein 4, non-histone chromosomal protein

Official Symbol: HMGB3

Accession Number(s): NP_005333.2

Human GeneID(s): [3149](#)

Non-Human GeneID(s): 15354 (mouse)

Immunogen

Peptide with sequence C-KFDGAKGPAKVARKK, from the internal region (near C Terminus) of the protein sequence according to NP_005333.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx. 24kDa band observed in Human Lung lysates (calculated MW of 23.0kDa according to NP_005333.2). Recommended concentration: 0.01-0.03µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Cow



EB09248 (0.01 μ g/ml) staining of Human Lung lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.