

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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

proteir

Official Symbol: HMGB3

Accession Number(s): NP_005333.2

Human GeneID(s): 3149

Non-Human GenelD(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 ($0.01\mu g/ml$) staining of Human Lung lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.