

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.**

EB10866 - Goat Anti-Klf4 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Klf4, Kruppel-like factor 4 (gut), RP23-322L22.2, EZF, Gklf, Zie, Krueppel-like factor 4, Kruppel-like factor 4 (Gut enriched kruppel-like factor) (Epithelial zinc-finger protein EZF), epithelial zinc finger protein EZF, gut-enriched krueppel-like factor

Official Symbol: Klf4

Accession Number(s): NP_032478.2

Non-Human GeneID(s): 16600 (mouse), 114505 (rat)

Immunogen

Peptide with sequence SPEELLNSRDCHP, from the internal region of the protein sequence according to NP_032478.2.

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

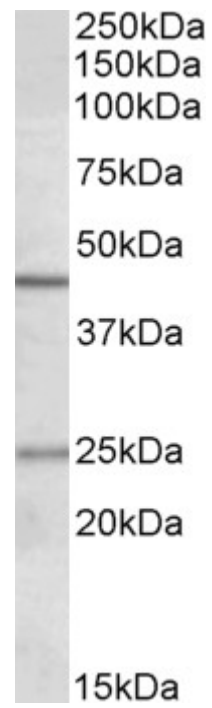
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 45kDa bands observed in lysates of cell line NIH3T3 (calculated MW of 37.7kDa according to NP_032478.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 25kDa. This band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse, Rat



EB10866 (1 μ g/ml) staining of NIH3T3 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.