

#### **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

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# EB05463 - Goat Anti-KLF15 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: KLF15, KKLF, Kruppel-like factor 15, KKLF protein, kidney-enriched

Kruppel-like factor, DKFZp779M1320

Official Symbol: KLF15

Accession Number(s): NP\_054798.1

Human GenelD(s): 28999

Non-Human GeneID(s): 66277 (mouse), 85497 (rat)

### **Immunogen**

Peptide with sequence VDHLLPVDENFSS-C, from the N Terminus of the protein sequence according to NP\_054798.1.

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.

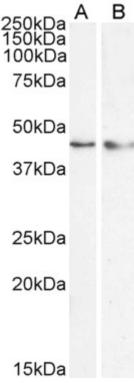
**Western blot:** Approx 45kDa band observed in HeLa and in nuclear cell lysates of HepG2 (calculated MW of 44kDa according to NP\_054798.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature. Preliminary testing was unsuccessful on Rat, Mouse and Pig Kidney, and NIH3T3 for this particular batch.

**Flow Cytometry:** Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

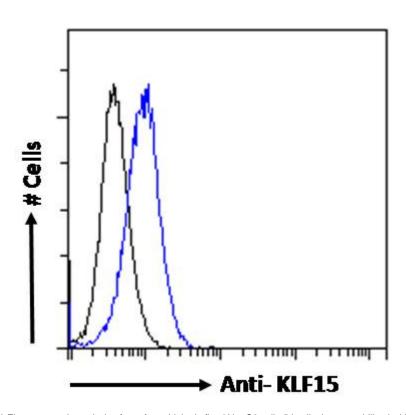
### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Pig



EB05463 (1μg/ml) staining of nuclear HepG2 (A) and (0.5ug/ml) HeLa (B) cell lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB05463 Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.