

#### **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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# EB06762 - Goat Anti-Lipocalin 2 / NGAL Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

**Principal Names:** NGAL, lipocalin 2 (oncogene 24p3), HGNC:6526, LCN2, uterocalin, oncogenic lipocalin 24p3, neutrophil gelatinase-associated lipocalin, lipocalin 2, MSFI,

 $OTTHUMP00000022240, \,migration\text{-}stimulating factor inhibitor, neutrophil}\\$ 

gelatinase-associated lipocalin, oncogene 24p3, siderocalin

Official Symbol: LCN2

Accession Number(s): NP\_005555.2

Human GeneID(s): 3934

## **Immunogen**

Peptide with sequence C-AILREDKDPQKMY, from the internal region of the protein sequence according to NP\_005555.2.

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 1:16000.

Western blot: Approx 22kDa band observed in Human Kidney lysates (calculated MW of 22.6kDa according to NP\_005555.2). Recommended concentration: 0.01-0.03μg/ml. IHC: In paraffin embedded Human Spleen shows staining of cytoplasm in mostly binucleated cells, and of nucleoli in some of the non-dividing cells. Recommended concentration: 2-3μg/ml.

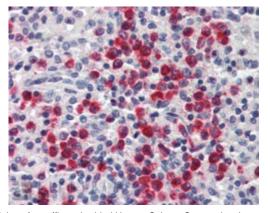
#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB06762 ( $0.03\mu g/ml$ ) staining of Human Kidney lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06762 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.