

#### **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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# EB11839 - Goat Anti-NCU-G1 (mouse aa243-256) Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: 0610031J06Rik, AB027141, lysosomal protein NCU-G1, NCU-G1,

RIKEN cDNA 0610031J06 gene

Official Symbol: Glmp

Accession Number(s): NP\_064387.1

Non-Human GeneID(s): 56700 (mouse), 295231 (rat)

Important Comments: The immunizing peptide represents the luminal part of the protein

#### **Immunogen**

Peptide with sequence PDCPSVNERNSIDD, from the internal region of the protein sequence according to NP\_064387.1.

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**

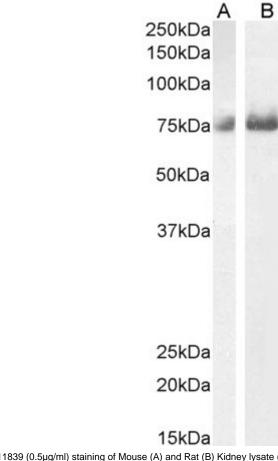
Peptide ELISA: antibody detection limit dilution 1:32000.

**Western blot:** Approx 75kDa band observed in Mouse and Rat Kidney lysates (calculated MW of 43.8kDa according to Mouse NP\_064387.1 and Rat NP\_001004226.1). The observed molecular weight corresponds to the endogenous wild-type glycoprotein, as shown in earlier findings in literature with different antibodies (Schieweck O et al, PMID:19489740). Recommended concentration: 0.3-1µg/ml.

## **Species Reactivity**

Tested: Mouse, Rat

Expected from sequence similarity: Mouse



EB11839 (0.5μg/ml) staining of Mouse (A) and Rat (B) Kidney lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.