

#### **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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# EB10619 - Goat Anti-Mucin 19 / Apomucin Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: Muc19, mucin 19, MUC-19, gel-forming secreted mucin-19, mucin-19,

sublingual apomucin, mucin apoprotein

Official Symbol: Muc19

Accession Number(s): NP\_997126.2

Non-Human GenelD(s): 239611 (mouse), 497227 (rat)

#### **Immunogen**

Peptide with sequence ECKRSVKYNYETFQ, from the C Terminus of the protein sequence according to NP\_997126.2.

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 1:128000.

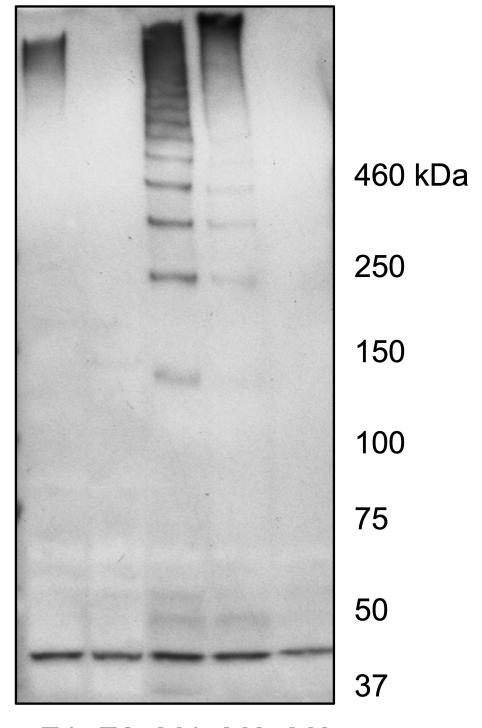
Western blot: A customer observed high MWt bands in salivary gland tissue from female or male C57BL/6 mice: Proteins were separated by electrophoresis through 3-8% gradient gels, transferred to nitrocellulose, and probed with primary antibody at 1:2000 dilution (0.25 μg/ml), followed by peroxidase-conjugated anti-goat at 1:50,000.

**ICC/ IF:** Positive staining in the sublingual salivary gland of the mouse, while cells remain negative in the submandibular salivary gland. Data provided by Everest Grant winner Melinda Larsen, State University of New York, Albany, NY.

## **Species Reactivity**

Tested: Mouse

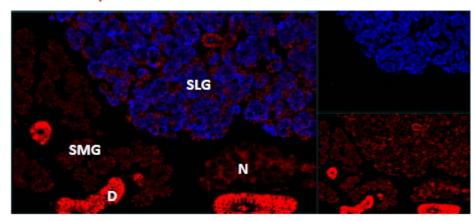
Expected from sequence similarity: Mouse, Rat



F1 F2 M1 M2 M3

EB10619 (0.25  $\mu$ g/ml) staining of homogenized Mouse salivary gland tissue. (20  $\mu$ g protein per lane). Detected by chemiluminescence.

# MUC19 Na/K-ATPase



EB10619 (1.8ug/ml) staining cells of the sublingual salivary gland (SLG) in mouse, but not any cells of the submandibular salivary gland (SMG).