



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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 GeneID(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.

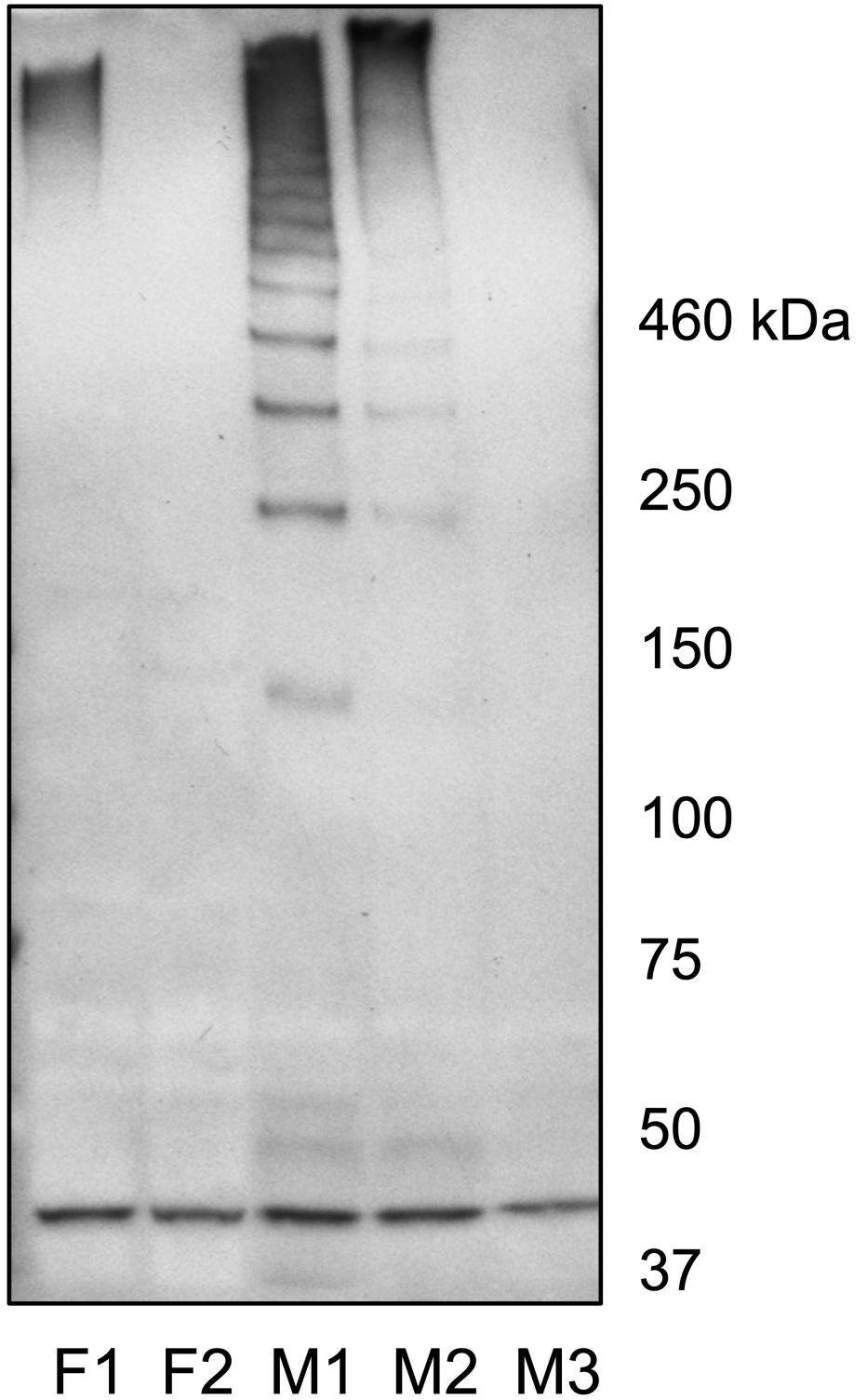
**Western blot:** A customer observed high MWt bands in salivary gland tissue from female or male C57BL/6 mice: Proteins were separated by electrophoresis through 3-8% gradient gels, transferred to nitrocellulose, and probed with primary antibody at 1:2000 dilution (0.25 µg/ml), followed by peroxidase-conjugated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

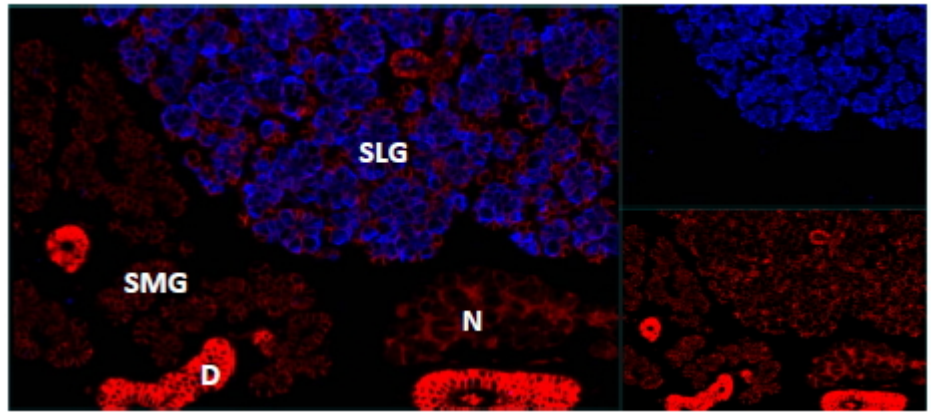
**Tested:** Mouse

**Expected from sequence similarity:** Mouse, Rat



EB10619 (0.25  $\mu\text{g/ml}$ ) staining of homogenized Mouse salivary gland tissue. (20  $\mu\text{g}$  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).