

Telephone: (650) 697-3600

GOAT ANTI-MUC19 / SMGC ANTIBODY

SKU: EB10629



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 μα

Storage

Instructions

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

Alias Names neonatal submandibular gland protein C| OTTMUSP00000022832| Sfc21| Muc19| DXImx49e| 2310010P21Rik|

submandibular gland protein C|Smgc

Usage Summary Immunocytochemistry: Positive staining of select epithelial cells in the murine Submanibular gland at E18. Recommended concentration 4ug/ml. Data provided by Everest Grant winner

Melinda Larsen, State University of New York, Albany, NY.

Accession

NP_945121.1 ID

Blocking

Peptide

EBP10629

Immunogen

Peptide with sequence C-KLEPKYENPTNGS, from the internal region of the protein sequence according to NP 945121.1.

Peptide

Sequence

C-KLEPKYENPTNGS

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method

using the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted Species

Mouse

Reactive

Mouse **Species**

Mouse Gene ID

223809





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Product Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

ELISA

Detection Antibody detection limit dilution 1:16000.

Limit

Western

Blot

Preliminary experiments gave bands at approx 65kDa and 70kDa in Mouse fetal Lung lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 74.4kDa according to NP_945121.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). We would appreciate

any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any

further splice variants/modified forms been reported?

Application Type

Pep-ELISA, ICC

GALLERY IMAGES

