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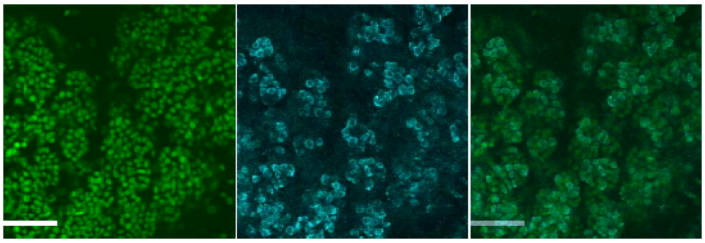
GOAT ANTI-MUC19 / SMGC ANTIBODY

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 µg
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 ID	NP_945121.1
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 Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Mouse
Reactive Species	Mouse
Mouse Gene ID	223809

Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:16000.
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

DOCUMENTS

- Data Sheet

GALLERY IMAGES