

Datasheet for ABIN768576
anti-MUC19 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	MUC19
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MUC19 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Mucin 19 / Apomucin
Immunogen:	Peptide with sequence ECKRSVKYNYETFQ, from the C Terminus of the protein sequence according to NP_997126.2.
Sequence:	ECKRSVKYNY ETFQ
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

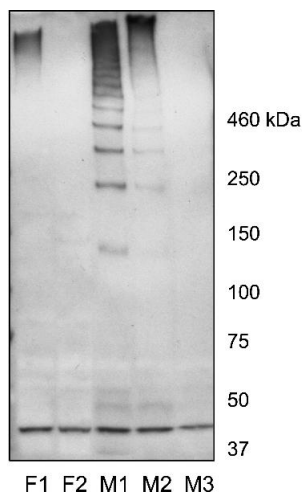
Target:	MUC19
Alternative Name:	Muc19 (MUC19 Products)
Background:	Muc19, mucin 19, MUC-19, gel-forming secreted mucin-19, mucin-19, sublingual apomucin, mucin apoprotein
Molecular Weight:	694kDa
Gene ID:	239611, 497227
NCBI Accession:	NP_997126

Application Details

Application Notes:	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 d Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	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.
Restrictions:	For Research Use only

Handling

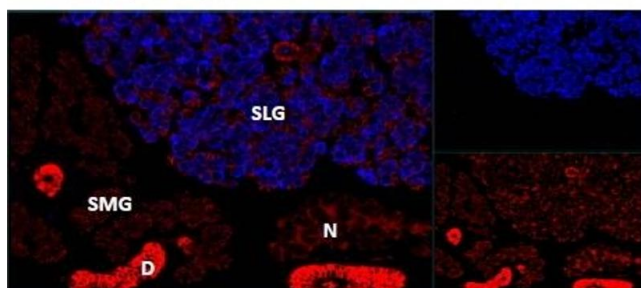
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. (ABIN768576) (0.25 µg/mL) staining of homogenized Mouse salivary gland tissue. (20 µg protein per lane). Detected by chemiluminescence.

MUC19 Na/K-ATPase



Immunohistochemistry

Image 2. (ABIN768576) (1.8 µg/mL) staining cells of the sublingual salivary gland (SLG) in mouse, but not any cells of the submandibular salivary gland (SMG).