

Goat anti-Mucin 19 / Apomucin Antibody

Item Number	dAP-2431
Target Molecule	Principle Name: Mucin 19 / Apomucin; Official Symbol: Muc19; All Names and Symbols: Muc19; mucin 19; MUC-19; gel-forming secreted mucin-19; mucin-19; sublingual apomucin; mucin apoprotein; Accession Number (s): NP_997126.2; Human Gene ID(s): ; Non-Human GeneID(s): 239611 (mouse) 497227 (rat)
Immunogen	ECKRSVKYNYETFQ, is from C Terminus
Applications	Pep ELISA, IHC Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 694kDa according to NP_997126.2. Therefore we cannot recommend an optimal concentration and the antibody i
IHC	Immunohistochemistry: 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.
Reference	Reference(s): Phillips AM, Nimmo ER, Van Limbergen J, Drummond HE, Smith L, Satsangi J, Detailed haplotype-tagging study of germline variation of MUC19 in inflammatory bowel disease. Inflammatory bowel diseases 2010 Apr 16 (4): 557-8..PMID: 19714762->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**