

Goat anti-Muc5ac (mouse) Antibody

Item Number	dAP-2467
Target Molecule	Principle Name: Muc5ac (mouse); Official Symbol: Muc5ac; All Names and Symbols: Muc5ac; mucin 5, subtypes A and C, tracheobronchial/gastric; 2210005L13Rik; MGM; gastric mucin; Accession Number (s): NP_034974.1; Human Gene ID(s): ; Non-Human GenelD(s): 17833 (mouse)
Immunogen	HEHRSDVPHPQ, is from N Terminus
Applications	Pep ELISA Species Tested:
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 32000.
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 299kDa according to NP_034974.1. Therefore we cannot recommend an optimal concentration and the antibody.
IHC	Immunohistochemistry: This antibody stained cilia in mouse bronchi and it co-stained with lectin (membrane).
Reference	Reference(s): Jang MK, Kim SH, Lee KY, Kim TB, Moon KA, Park CS, Bae YJ, Zhu Z, Moon HB, Cho YS, The tyrosine phosphatase, SHP-1, is involved in bronchial mucin production during oxidative stress. Biochemical and biophysical research communications 2010 Feb 393 (1): 137-43. PMID: 20117097->

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 end users! This product is sold for **Research Use Only**