

Muc5b (mouse) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3443a**Specification**

Muc5b (mouse) Antibody (internal region) - Product Information

Application	E
Primary Accession	O9HC84
Other Accession	NP_002449.1 , 727897 , 74180 (mouse) , 309114 (rat)
Predicted	Human, Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	596340

Muc5b (mouse) Antibody (internal region) - Additional Information**Gene ID** 727897**Other Names**

Mucin-5B, MUC-5B, Cervical mucin, High molecular weight salivary mucin MG1, Mucin-5 subtype B, tracheobronchial, Sublingual gland mucin, MUC5B, MUC5

Format

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

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Muc5b (mouse) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Muc5b (mouse) Antibody (internal region) - Protein Information**Name** MUC5B**Synonyms** MUC5**Function**

Gel-forming mucin that is thought to contribute to the lubricating and viscoelastic properties of whole saliva and cervical mucus.

Cellular Location

Secreted.

Tissue Location

Expressed on surface airway epithelia. Expressed mainly in mucous cells of submucosal glands of airway tissues. Highly expressed in the sublingual gland. Also found in submaxillary glands, endocervix, gall bladder, and pancreas.

Muc5b (mouse) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Muc5b (mouse) Antibody (internal region) - Images**Muc5b (mouse) Antibody (internal region) - References**

Leptin up-regulates MUC5B expression in human airway epithelial cells via mitogen-activated protein kinase pathway. Woo HJ, Yoo WJ, Bae CH, Song SY, Kim YW, Park SY, Kim YD, Experimental lung research 2010 Jun 36 (5): 262-9. PMID: 20497020