

粘蛋白-5B 抗体

产品货号： mlR23915

英文名称： MUC5B

中文名称： 粘蛋白-5B 抗体

别名： High molecular weight salivary mucin MG1; MUC5; Mucin 5 subtype B, tracheobronchial; Mucin 5B; Sublingual gland mucin; 2300002I04Rik; A130042M24; AV085033; Cervical mucin; Cervical mucin MUC5B; High molecular weight salivary mucin MG1; MUC-5B; MUC5B; MUC5B_HUMAN; MUC9; Mucin 5 subtype B, tracheobronchial; Mucin 5B; Mucin 5B oligomeric mucus/gel forming; Mucin-5 subtype B; Mucin-5B; Sublingual gland mucin; tracheobronchial.

研究领域： 细胞生物 信号转导 细胞骨架

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 630kDa

细胞定位 : 分泌型蛋白

性 状 : Lyophilized or Liquid

浓 度 : 1mg/1ml

免 疫 原 : KLH conjugated synthetic peptide derived from human MUC5B:1151-1250/5763

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : Tumor Markers

Mucins are high molecular mass, highly glycosylated macromolecules that are the major components of mucus secretions. MUC5B is a salivary mucin that is thought to contribute to the lubricating and viscoelastic properties of whole saliva. It is composed of 14.9% protein, 78.1% carbohydrate, and 7% sulfate (Troxler et al., 1995 [PubMed 8554565]).[supplied by OMIM]

Function:

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

Subcellular Location:

Secreted.

Tissue Specificity:

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.

Post-translational modifications:

Highly glycosylated. C-, N- and O-glycosylated. C-mannosylated in the Cys-rich subdomains probably on the first Trp residue of the WXXW motif. Highly O-glycosylated in the Ser/Thr-rich tandem repeat (TR) region. The repeat region is about 59% O-glycosylated with a high abundance of NeuAc(2)Hex(1)HexNac1-ol.

Similarity:

Contains 1 CTCK (C-terminal cystine knot-like) domain.



Contains 3 HAT repeats.

Contains 3 TIL (trypsin inhibitory-like) domains.

Contains 3 VWFC domains.

Contains 4 VWFD domains.

SWISS:

Q9HC84

Gene ID:

727897

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

