

## Rabbit anti-Human MUC5B Antibody | anti-MUC5B antibody

MUC5B Polyclonal Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA167604</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

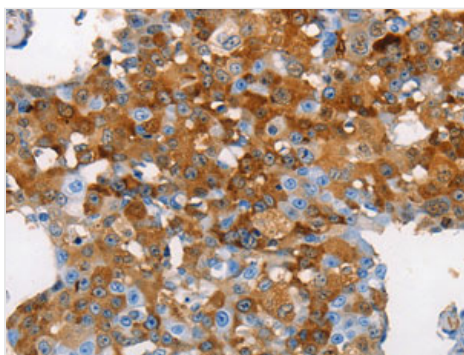
### PRODUCT SYNONYMS

MUC5B; MUC5B Polyclonal Antibody; MG1; MUC5; MUC9; MUC-5B; anti-MUC5B antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                  |
|-------------------------------------------------|--------------------------------------------------|
| Host                                            | Rabbit                                           |
| Reactivity                                      | Human                                            |
| Isotype                                         | IgG                                              |
| Purity/Purification                             | Affinity purification                            |
| Form/Format                                     | PBS with 0.05% sodium azide, 50% glycerol, pH7.3 |
| Sequence Length                                 | 5762                                             |
| Applicable Applications for anti-MUC5B antibody | IHC (Immunohistochemistry), ELISA                |
| Immunogen                                       | Synthetic peptide of human MUC5B                 |
| Preparation and Storage                         | Store at -20°C. Avoid freeze / thaw cycles.      |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using MUC5B Polyclonal Antibody at dilution 1:70

### ADDITIONAL INFORMATION

#### Related Product Information for anti-MUC5B antibody

This gene encodes a member of the mucin family of proteins, which are highly glycosylated macromolecular components of mucus secretions. This family member is the major gel-forming mucin in mucus. It is a major contributor to the lubricating and viscoelastic properties of whole saliva, normal lung mucus and cervical mucus. This gene has been found to be up-regulated in some human diseases, including sinus mucosa of chronic rhinosinusitis (CRS), CRS with nasal polyposis, chronic obstructive pulmonary disease (COPD) and H. pylori-associated gastric disease, and it may be involved in the pathogenesis of these diseases.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 301172750                                                                                                                              |
| NCBI GeneID                      | 727897                                                                                                                                 |
| NCBI Accession #                 | NP_002449                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_002458.2                                                                                                                            |
| NCBI Official Full Name          | mucin-5B                                                                                                                               |
| NCBI Official Synonym Full Names | mucin 5B, oligomeric mucus/gel-forming                                                                                                 |
| NCBI Official Symbol             | MUC5B                                                                                                                                  |
| NCBI Official Synonym Symbols    | MG1; MUC5; MUC9; MUC-5B                                                                                                                |
| NCBI Protein Information         | mucin-5B; cervical mucin MUC5B; high molecular weight salivary mucin MG1; mucin 5, subtype B, tracheobronchial; sublingual gland mucin |
| UniProt Protein Name             | Mucin-5B                                                                                                                               |
| UniProt Gene Name                | <b>MUC5B</b>                                                                                                                           |
| UniProt Synonym Gene Names       | MUC5; MUC-5B                                                                                                                           |
| UniProt Entry Name               | MUC5B_HUMAN                                                                                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.