

## Rabbit anti-Mouse Mucin 5 Subtype B (MUC5B) Polyclonal Antibody | anti-MUC5B antibody

FITC-linked Antibody to Mucin 5 Subtype B (MUC5B)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA135360 | Rabbit | Mouse      | Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

Mucin 5 Subtype B (MUC5B); Polyclonal Antibody; FITC-linked Antibody to Mucin 5 Subtype B (MUC5B); anti-MUC5B antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity                                      | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity/Purification                             | Antigen-specific Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Form/Format                                     | Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Concentration                                   | 500ug/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applicable Applications for anti-MUC5B antibody | IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Source                                          | Antibody labeling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Label                                           | FITC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Traits                                          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen                                       | Recombinant MUC5B (Ala75~Leu295) expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Cross Reactivity                                | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Unconjugated Antibody                           | The unconjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage                         | <p><b>Storage:</b> Avoid repeated freeze/thaw cycles.<br/>Store at 4°C for frequent use.<br/>Aliquot and store at -20°C for 12 months.</p> <p><b>Stability Test:</b> The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> <p>Note: As fluorescence can photobleach when exposed to light, so the antibody must be protected from light.</p> |

### IMAGES

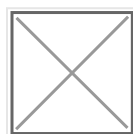

**WB (Western Blot)**

Figure. Western Blot; Sample: Recombinant MUC5B, Human.

ADDITIONAL INFORMATION

|                                                   |               |
|---------------------------------------------------|---------------|
| Product Categories/Family for anti-MUC5B antibody | FITC Antibody |
|---------------------------------------------------|---------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 301172750                                                                                                                              |
| NCBI GeneID                      | 727897                                                                                                                                 |
| NCBI Accession #                 | NP_002449.2                                                                                                                            |
| NCBI GenBank Nucleotide #        | NM_002458.2                                                                                                                            |
| UniProt Accession #              | Q9HC84; O00447; O00573; O14985; O15494; O95291; O95451; Q14881; Q7M4S5; Q99552; Q9UE28                                                 |
| 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; sublingual gland mucin; mucin 5, subtype B, tracheobronchial; high molecular weight salivary mucin MG1 |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mucin-5-subtype-b-muc5b-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/135360>