

## Mouse anti-Human Mucin 5 Subtype B Monoclonal Antibody | anti-MUC5B antibody

Monoclonal Antibody to Mucin 5 Subtype B (MUC5B)

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                                 |
|-----------|-------|------------|------------------------------------------------------------------------------|
| AAA141263 | Mouse | Human      | Immunoprecipitation, Immunohistochemistry, Immunocytochemistry, Western Blot |

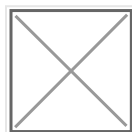
### PRODUCT SYNONYMS

Mucin 5 Subtype B; Monoclonal Antibody; Monoclonal Antibody to Mucin 5 Subtype B (MUC5B); anti-MUC5B antibody

### PRODUCT SPECIFICATIONS

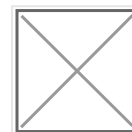
|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Reactivity                                      | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Clonality                                       | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Isotype                                         | IgG2b Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Clone Number                                    | C10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity/Purification                             | Protein A + Protein G affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Form/Format                                     | Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-MUC5B antibody | IP (Immunoprecipitation), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Source                                          | Monoclonal antibody preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Traits                                          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cross Reactivity                                | Pig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen                                       | Recombinant MUC5B (Cys5653~Val5762) expressed in E.coli .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation and Storage                         | <p><b>Storage:</b><br/>           Avoid repeated freeze/thaw cycles.<br/>           Store at 4 degree C for frequent use.<br/>           Aliquot and store at -20 degree C for 24 months.</p> <p><b>Stability Test:</b><br/>           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 degree 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> |

### IMAGES



#### IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Human Small intestine Tissue; Primary Ab: 30ug/ml Mouse Anti-Human MUC5B Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



#### WB (Western Blot)

Western Blot; Sample: Human Serum; Primary Ab: 2ug/mL Mouse Anti-Human MUC5B Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



**WB (Western Blot)**

Western Blot; Sample: Recombinant MUC5B, Human.

**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                                                                               |
| UniProt Protein Name             | Mucin-5B                                                                               |
| UniProt Gene Name                | <b>MUC5B</b>                                                                           |
| UniProt Synonym Gene Names       | MUC5; MUC-5B                                                                           |

**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/monoclonal/mucin-5-subtype-b-antibody-clone-c10-immunoprecipitation-immunohistochemistry-immunocytochemistry-western-blot-elisa/141263>