

Recombinant MUC5AC (Mucin 5AC / Gastric Mucin) Antibody

Mouse Monoclonal Antibody [Clone rMUC5AC/13850]

| Catalog No | Format | Size |
|------------------|--|--------|
| 4586-MSM25-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 4586-MSM25-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 4586-MSM25-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

| Applications | Tested Dillution | Note |
|----------------------------|------------------|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |
| Western Blot (WB) | 2-4ug/ml | |

Product Details

| | |
|-------------------------------|--|
| Clone | rMUC5AC/13850 |
| Immunogen | M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le (a-b) patient |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype / Light Chain | IgG1 / Kappa |
| Mol. Weight of Antigen | 585.56kDa |
| Cellular Localization | Secreted |
| Species Reactivity | Human |
| Positive Control | Highly expressed in surface mucosal cells of respiratory tract and stomach epithelia |

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant MUC5AC (Mucin 5AC / Gastric Mucin) Antibody

Specificity & Comments

Gel-forming glycoprotein of gastric and respiratory tract epithelia that protects the mucosa from infection and chemical damage by binding to inhaled microorganisms and particles that are subsequently removed by the mucociliary system (PubMed:14535999, PubMed:14718370). Interacts with H.pylori in the gastric epithelium, Barrett's esophagus as well as in gastric metaplasia of the duodenum (GMD) (PubMed:14535999).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.