

## IHCab™ MUC5AC (BGT302) Mouse mAb

Cat #: B-IMW6118

Size: 100 µL

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

### Background

MUC5AC (Mucin 5AC, Oligomeric Mucus/Gel-Forming) is a Protein Coding gene. Diseases associated with MUC5AC include Dry Eye Syndrome and Biliary Tract Disease. Among its related pathways are O-linked glycosylation of mucins and Metabolism of proteins. Gene Ontology (GO) annotations related to this gene include extracellular matrix structural constituent. An important paralog of this gene is FCGBP.

### Product Information

**Applications/Dilution:** IHC-p 1:100-500. IF 1:50-200

**Isotype/Source:** Mouse, Monoclonal/IgG1, Kappa

**Specificity:** This antibody detects endogenous levels of human MUC5AC. Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin section.

**Subcellular Location:** Secreted

**Expression:** Highly expressed in surface mucosal cells of respiratory tract and stomach epithelia. Overexpressed in a number of carcinomas. Also expressed in Barrett's esophagus epithelium and in the proximal duodenum

**Formulation:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Storage:** Store at -15°C to -25°C

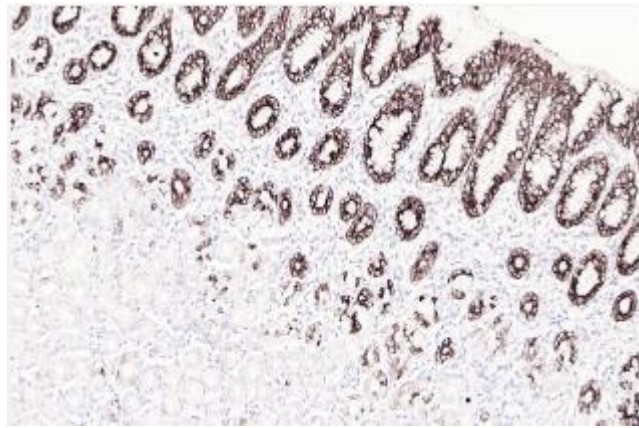


Fig. Human stomach tissue was stained with MUC5AC Antibody.

**Note:**

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.