

IHCab™ MUC2 (BGT390) Mouse mAb

Cat #: B-IMW6125

Size: 100 µL

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

Background

This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins produced by many epithelial tissues. The protein encoded by this gene is secreted and forms an insoluble mucous barrier that protects the gut lumen. The protein polymerizes into a gel of which 80% is composed of oligosaccharide side chains by weight. The protein features a central domain containing tandem repeats rich in threonine and proline that varies between 50 and 115 copies in different individuals. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

Product Information

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

Isotype/Source: Mouse, Monoclonal/IgG2b, Kappa

Specificity: This antibody detects endogenous levels of human MUC2. Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin section.

Subcellular Location: Secreted. In the intestine, secreted into the inner and outer mucus layers

Expression: Colon, small intestine, colonic tumors, bronchus, cervix and gall bladder.

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

Storage: Store at -15°C to -25°C

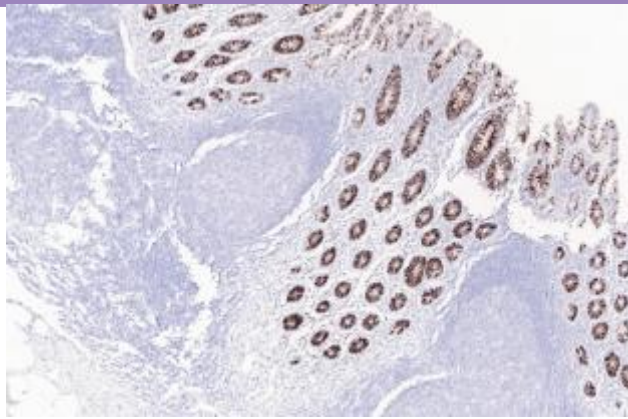


Fig.1. Human appendix tissue was stained with MUC2 Antibody

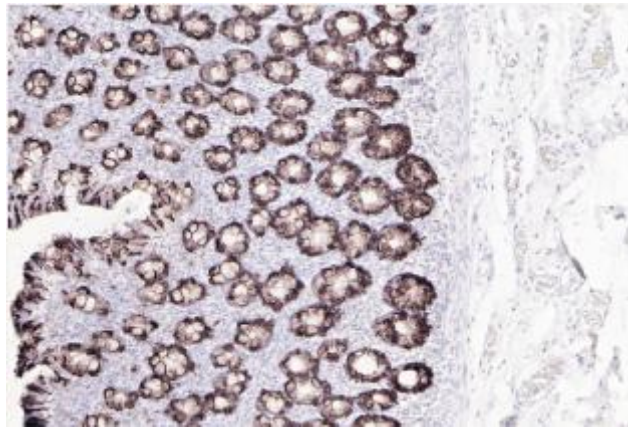


Fig.2. Human colon tissue was stained with MUC2 Antibody

Note:

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