

Product Datasheet

MUC5AC Antibody

Catalog No: CY6826

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF



www.abways.com

Information

UniProt ID: P98088

All Names: Apomucin; Apomucin Major Airway Glycoprotein; Gastric mucin; LeB; Lewis B blood group antigen; Major Airway Glycoprotein; MUC5AC; Mucin 5 subtype AC tracheobronchial; Mucin 5 Subtypes A And C; Mucin 5 subtypes A and C tracheobronchial/gastric; Mucin 5, tracheobronchial/gastric; Mucin 5AC; Mucin 5AC oligomeric mucus/gel forming; TBM; Tracheobronchial Mucin (TBM);

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 220-600 kDa

Application

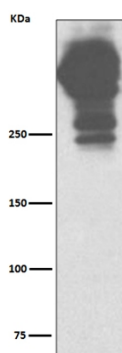
WB 1:500~1:2000

IHC 1:50~1:200

ICC/IF 1:50~1:200

Background

Mucins are high molecular weight glycoproteins with 80% carbohydrates and 20% core protein. Gastric Mucin 5AC antigen is found in columnar mucus cells of surface gastric epithelium and in goblet cells of the fetal and precancerous colon but not in normal colon. Resurgence of gastric mucin during colonic carcinogenesis is suggestive of either re-expression of the peptide core of gastric mucin in the adult colon or due to changes in the glycosylation pattern of mucin, which expose the hidden Mucin 5AC antigen.



Western blot analysis of MUC5AC expression in human stomach lysate.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com