



Mouse Anti-Human MUC5AC Monoclonal Antibody, clone 8F0E9 (CABT-L618M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Purified recombinant fragment of human MUC5AC (AA: 5528-5627) expressed in E. Coli.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	8F0E9
Purification	Protein G purified
Conjugate	Unconjugated
Applications	FC, WB, ELISA
Format	Liquid
Concentration	Lot specific
Size	25 µl, 100 µl
Buffer	PBS
Preservative	0.05% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction

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.

Keywords

MUC5AC;TBM;leB;MUC5;mucin 5AC, oligomeric mucus/gel-forming;mucin-5AC

GENE INFORMATION

Gene Name MUC5AC

Entrez Gene ID [4586](#)

UniProt ID [P98088](#)