
MUC-5AC (Clone ZM37, also known as MRQ-19) Mouse Monoclonal Antibody

Specificity: Human. Others-not known

Immunogen: M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(ab-) patient

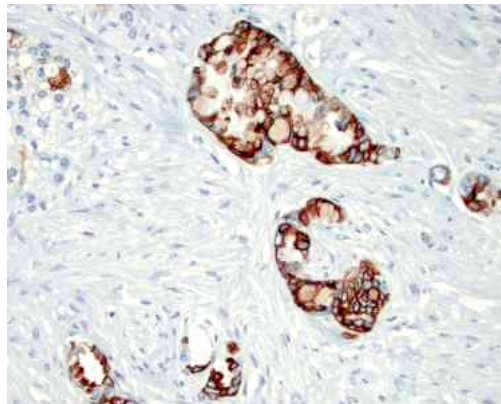
Ig Class: IgG₁

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:50-200; *Positive Control:* Pancreatic ductal carcinoma. *Cellular Localization:* Cell membrane. *Intended Use:* In vitro diagnosis (IVD).

Description: Mucins are high molecular weight glycoproteins with 80% carbohydrate contents and the remaining 20% is constituted by protein core. Gastric mucin M1 antigens are detected/found in columnar mucin cells of surface gastric epithelium and in goblet cells of the fetal and precancerous colon but not in those of normal colon. Evidence from the literature suggests that they are associated with the peptide core of mucins. Resurgence of gastric mucin reactivity during colonic carcinogenesis is suggested to be due to either reexpression of the peptide core of gastric (or fetal colonic) mucins in the adult colon or due to changes in the glycosylation pattern of mucin which expose the hidden M1 antigens.

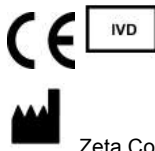
Supplied As: Purified antibody with 0.2% BSA and 15mM sodium azide.



Formalin-fixed, paraffin-embedded human pancreatic ductal carcinoma stained with anti MUC-5AC antibody using peroxidase-conjugate and DAB chromogen. Note the cytoplasmic staining of tumor cells

Cat. #Z2095 (1.0 ml)

ZETA Corporation
65 N 1st Ave, Ste 202C
Arcadia, CA 91006, USA
Tel: (626) 355-2053
<http://www.zeta-corp.com>



Zeta Corporation



Emergo Europe B.V.
Prinsessegracht 20
2514 AP The Hague
The Netherlands
Tel: +31 70 345 8570