

Rabbit Anti-MUC2 [EP187]: RM0134

Intended Use: For Research Use Only

Description: Mucins are high molecular weight glycoproteins produced by many epithelial tissues. MUC2 is a member of the mucin protein family. MUC2 is secreted and forms an insoluble mucous barrier that protects the gut lumen. MUC2 is the major secretory glycoprotein specifically expressed in goblet cells of the intestinal and airway epithelium. Its expression is a common feature of all mucinous carcinomas derived from different organs including breast, stomach, colon and prostate where it may act as a potential prognostic indicator.

Specifications

Clone: EP187
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Membrane
Formulation: Purified antibody in 0.2% BSA and 15mM sodium azide (NaN₃)
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
MUC2 Concentrated	RM0134	1 ml

IHC Procedure*

Positive Control Tissue: Colon cancer
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.