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## 36-1465: Monoclonal Antibody to MUC5AC (Mucin 5AC / Gastric Mucin)(Clone: 58M1)

Clonality: Monoclonal

Clone Name: 58M1 Application: **ELISA** Reactivity: Human Gene: MUC5AC Gene ID: 4586 **Uniprot ID:** P98088 **Purified** Format: **Alternative Name:** MUC5AC, MUC5

Isotype: Mouse IgG1, kappa

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

patient

## **Description**

This MAb recognizes the peptide core of gastric mucin M1 (recently identified as Mucin 5AC). Its epitope is destroyed by beta-mercaptoethanol but not by periodate treatment. This mucin is present in primary ovarian mucinous cancer but usually absent in colorectal adenocarcinoma, thus showing an expression pattern opposite to MUC2. Together with a panel of antibodies, Anti-MUC5AC may be useful for differential identification of primary mucinous ovarian tumors from colon adenocarcinoma metastatic to the ovary. MUC5AC antibodies may also be useful for identification of intestinal metaplasia as well as in the identification of pancreatic carcinoma and pre-cancerous changes vs. normal pancreas.

## **Product Info**

**Amount:** 100 μg

**Purification:** Affinity Chromatography

**Content:** 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

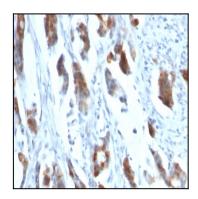
toxic.

**Storage condition :** Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

ELISA (For coating use Ab at 1-5ug/ml, order Ab without BSA)



Formalin-fixed, paraffin-embedded human Gastric Carcinoma stained with MUC5AC Monoclonal Antibody (58M1).