

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
Format :	Purified
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

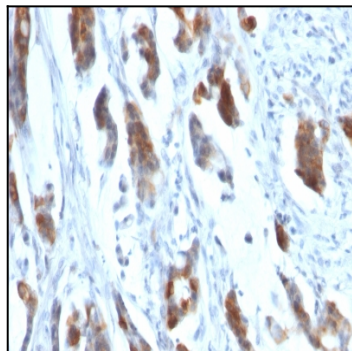
This MAb recognizes the peptide core of gastric mucin M1 (recently identified as Mucin 5AC). Its epitope is destroyed by beta-mercaptoethanol but not by periodate treatment. This mucin is present in primary ovarian mucinous cancer but usually absent in colorectal adenocarcinoma, thus showing an expression 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).