

**Product Name: MUC5AC Mouse Monoclonal Antibody****Catalog #: AMM82431**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2a
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	585.6kDa

**Antigen Information**

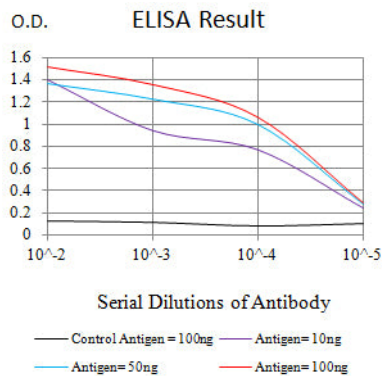
<b>Gene Name</b>	MUC5AC
<b>Alternative Names</b>	TBM; leB; MUC5; mucin
<b>Gene ID</b>	4586.0
<b>SwissProt ID</b>	P98088
<b>Immunogen</b>	Purified recombinant fragment of human MUC5AC (AA: 28-327) expressed in E. Coli.

**Background**

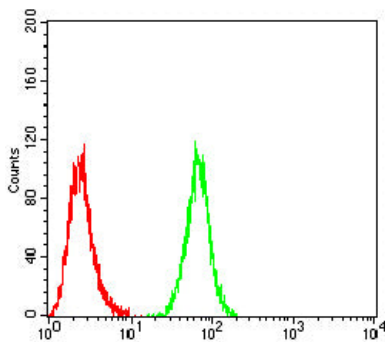
MUC5AC is a Protein Coding gene. Diseases associated with MUC5AC include Barrett Esophagus and Biliary Papillomatosis. Among its related pathways are Metabolism of proteins and CLEC7A (Dectin-1) signaling. Gene Ontology (GO) annotations related to this gene include extracellular matrix structural constituent. An important paralog of this gene is MUC5B.

## Research Area

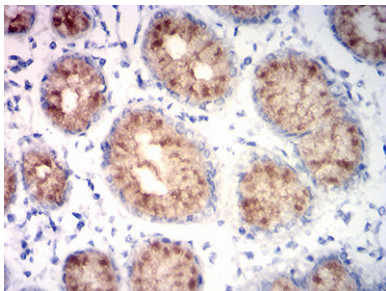
## Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Flow cytometric analysis of Hela cells using MUC5AC mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human stomach tissues using MUC5AC mouse mAb with DAB staining.