

## MUC5AC Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA2111
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human MUC5AC (AA: 28-327) expressed in E. Coli.
<b>Mol wt</b>	585.6kDa
<b>Species reactivity</b>	Others
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	IHC
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	TBM;leB;MUC5;mucin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### 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.

### Recommended Dilution

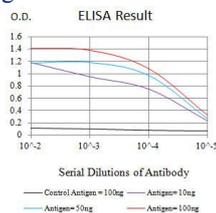
WB: 1:500 - 1:2000

IHC-p: 1:200-1:1000

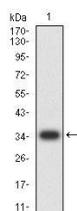
ELISA: 1:10000

Not yet tested in other applications.

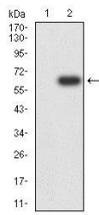
### Images



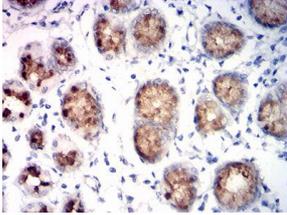
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



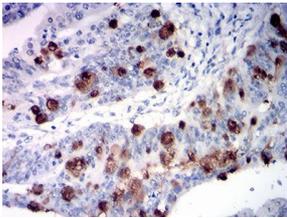
Western blot analysis using MUC5AC mAb against human MUC5AC (AA: 28-327) recombinant protein. (Expected MW is 35.6 kDa)



Western blot analysis using MUC5AC mAb against HEK293 (1) and MUC5AC (AA: 28-327)-hlgGFc transfected HEK293 (2) cell lysate.



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



Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using MUC5AC mouse mAb with DAB staining.

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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