

MUC5AC Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3276
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human MUC5AC (AA: 28-327) expressed in E. Coli.
Mol wt	585.6kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	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

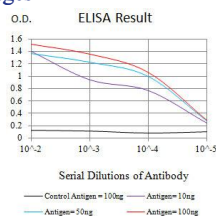
IHC-p: 1:200-1:1000

FCM: 1:200-1:400

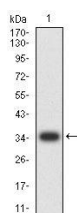
ELISA: 1:10000

Not yet tested in other applications.

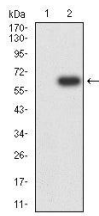
Images



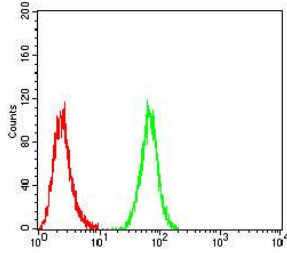
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



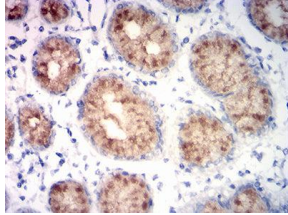
Western blot analysis using MUC5AC mAb against human MUC5AC (AA: 28-327) recombinant protein. (Expected MW is 35.6 kDa)



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



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



Immunohistochemical analysis of paraffin-embedded stomach 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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