

Mouse Monoclonal Antibody to MUC5AC

Purified Mouse Monoclonal Antibody

Catalog # AO2434a

Product Information

Application	WB, IHC, FC, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	8H8G6
Isotype	Mouse IgG2a
Calculated MW	585 KDa
Description	MUC5AC (Mucin 5AC, Oligomeric Mucus/Gel-Forming) is a Protein Coding gene. Diseases associated with MUC5AC include stomach cancer and pancreatic ductal carcinoma. Among its related pathways are O-linked glycosylation and Transport to the Golgi and subsequent modification. GO annotations related to this gene include extracellular matrix structural constituent. An important paralog of this gene is OTOG.;
Immunogen	Purified recombinant fragment of human MUC5AC (AA: 5528-5627) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide
Application Note	ELISA: 1/10000; WB: 1/500 - 1/2000; IHC: 1/200 - 1/1000; FCM: 1/200 - 1/400

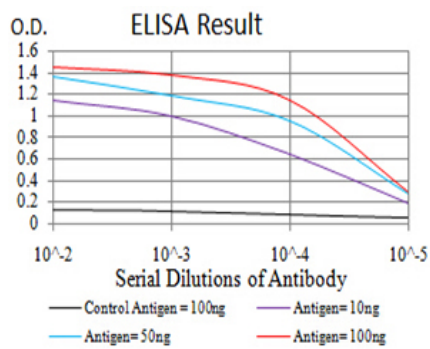
Additional Information

Other Names	TBM; leB; MUC5; mucin
Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 E~~N/A
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Monoclonal Antibody to MUC5AC is for research use only and not for use in diagnostic or therapeutic procedures.

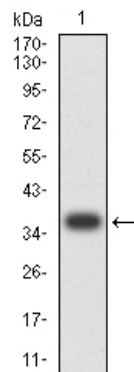
References

1.Biochemistry. 2015 Feb 3;54(4):1089-99. ; 2.Int J Oncol. 2013 Mar;42(3):887-93. ;

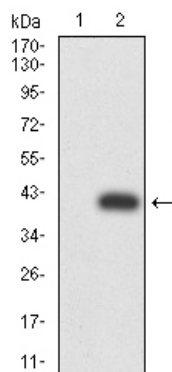
Images



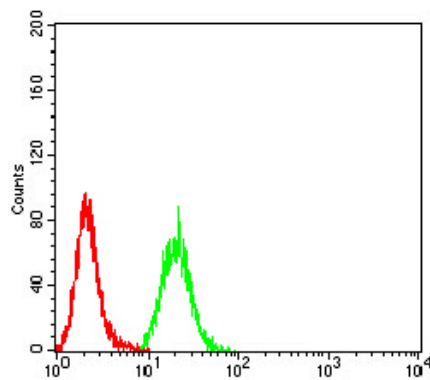
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



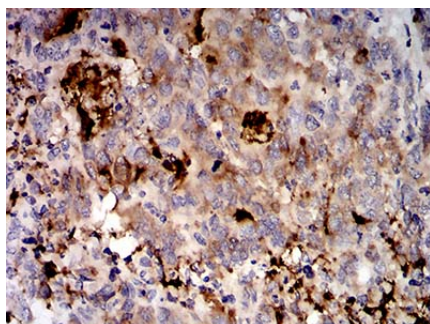
Western blot analysis using MUC5AC mAb against human MUC5AC (AA: 5528-5627) recombinant protein. (Expected MW is 37 kDa)



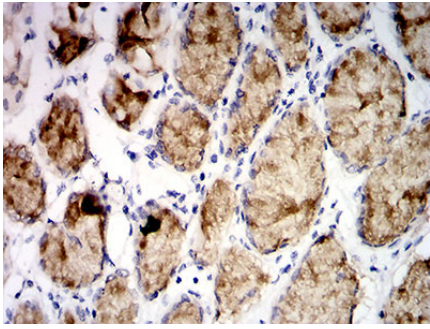
Western blot analysis using MUC5AC mAb against HEK293 (1) and MUC5AC (AA: 5528-5627)-hIgGfC transfected HEK293 (2) cell lysate.



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



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.