
Product Name: MUC13 Mouse Monoclonal Antibody**Catalog #: AMM82982**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	54.6kDa

Antigen Information

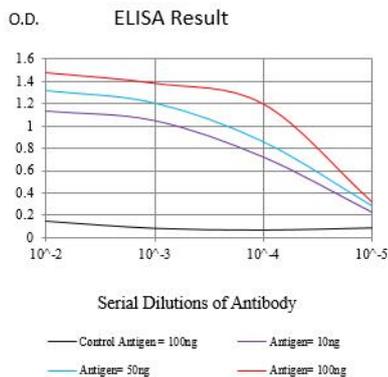
Gene Name	MUC13
Alternative Names	DRCC1; MUC-13
Gene ID	56667.0
SwissProt ID	Q9H3R2
Immunogen	Purified recombinant fragment of human MUC13 (AA: extra 19-238) expressed in E. Coli.

Background

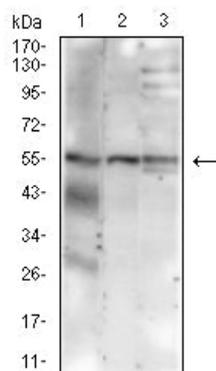
Epithelial mucins, such as MUC13, are a family of secreted and cell surface glycoproteins expressed by ductal and glandular epithelial tissues (Williams et al., 2001 [PubMed 11278439]).

Research Area

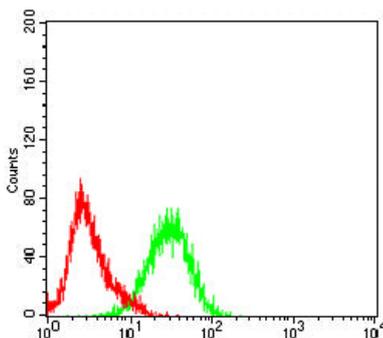
Image Data



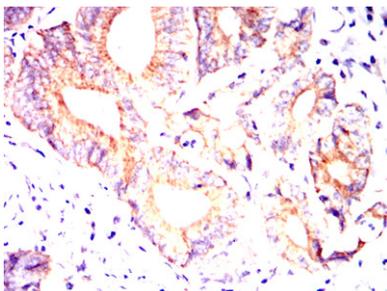
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



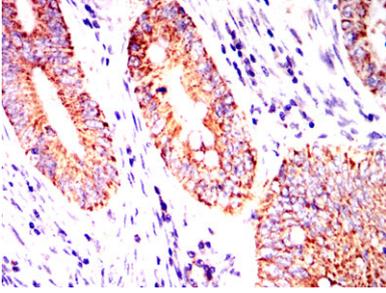
Western blot analysis using MUC13 mouse mAb against HT-19 (1), SW620 (2), and NIH/3T3 (3) cell lysate.



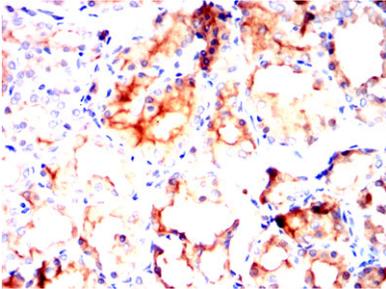
Flow cytometric analysis of RSC-96 cells using MUC13 mouse mAb (green) and negative control (red).



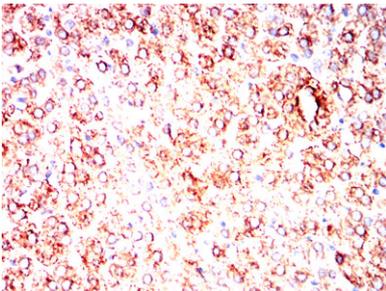
Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using MUC13 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using MUC13 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat thyroid tissues using MUC13 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit lymph node tissues using MUC13 mouse mAb with DAB staining.