

Product Name: MUC13 Mouse Monoclonal Antibody**Catalog #: AMM82983**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Mouse monoclonal Antibody |
| Host | Mouse |
| Application | WB,IHC,ELISA,FC |
| Reactivity | Human, Mouse |
| 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

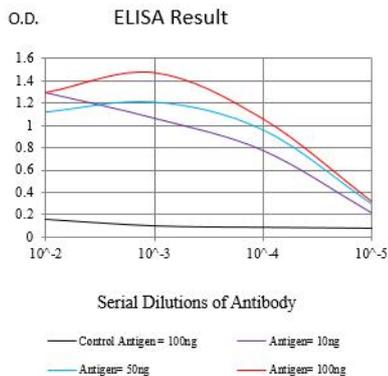
| | |
|--------------------------|---|
| Gene Name | MUC13 |
| Alternative Names | DRCC1; MUC-13 |
| Gene ID | 56667.0 |
| SwissProt ID | Q9H3R2 |
| Immunogen | Purified recombinant fragment of human MUC13 (AA: extra 19-238) expressed in E. Coli. |

Background

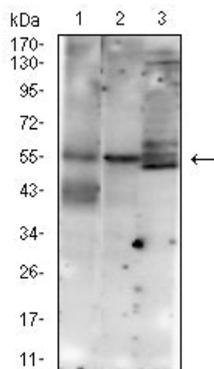
Epithelial mucins, such as MUC13, are a family of secreted and cell surface glycoproteins expressed by ductal and glandular epithelial tissues (Williams et al., 2001 [PubMed 11278439]).

Research Area

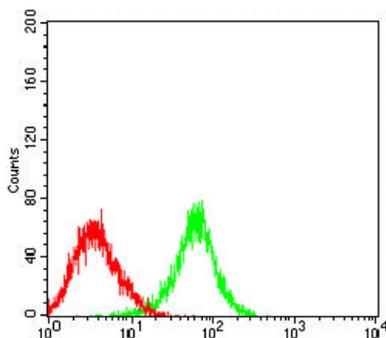
Image Data



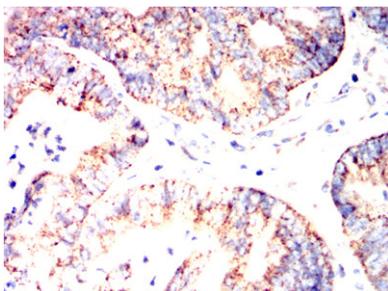
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



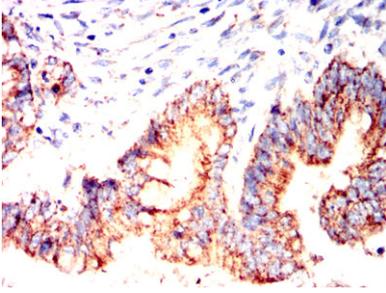
Western blot analysis using MUC13 mouse mAb against HT-19 (1), SW620 (2), and NIH/3T3 (3) cell lysate.



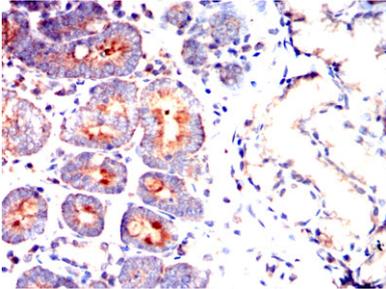
Flow cytometric analysis of LOVO cells using MUC13 mouse mAb (green) and negative control (red).



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 Rabbit small intestine tissues using MUC13 mouse mAb with DAB staining.