

MUC13 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2477
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human MUC13 (AA: extra 19-238) expressed in E. Coli.
Mol wt	54.6kDa
Species reactivity	Human,Mouse,Rat
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	DRCC1;MUC-13

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

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]).

Recommended Dilution

WB: 1:500 - 1:2000

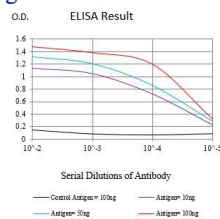
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

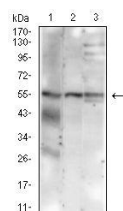
ELISA: 1:10000

Not yet tested in other applications.

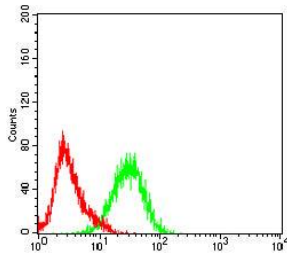
Images



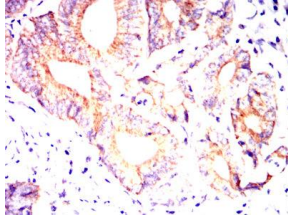
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



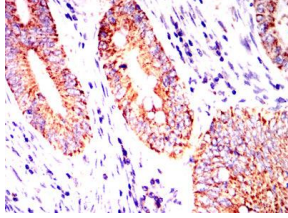
Western blot analysis using MUC13 mouse mAb against HT-19 (1), SW620 (2), and NIH/3T3 (3) cell lysate.



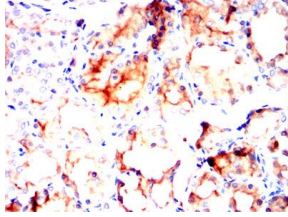
Flow cytometric analysis of RSC-96 cells using MUC13 mouse mAb (green) and negative control (red).



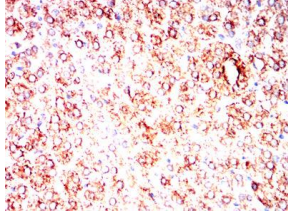
Immunohistochemical analysis of paraffin-embedded Colon cancer tissues using MUC13 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded 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.

Storage

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

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