Product Name: SNAI2 Mouse Monoclonal Antibody
Catalog #: AMM81417
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human
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,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	30kDa

Antigen Information

Gene Name	SNAI2
Alternative Names	SLUG; WS2D; SLUGH1; SNAIL2
Gene ID	6591.0
SwissProt ID	O43623
Immunogen	Purified recombinant fragment of human SNAI2 (AA: 100-200) expressed in E. Coli.

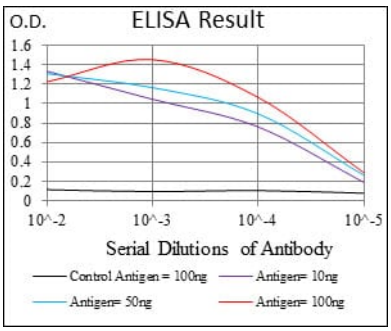
Background

This gene encodes a member of the Snail family of C2H2-type zinc finger transcription factors. The encoded protein acts as a transcriptional repressor that binds to E-box motifs and is also likely to repress E-cadherin transcription in breast carcinoma. This protein is involved in epithelial-mesenchymal transitions and has antiapoptotic activity. Mutations in this gene may be

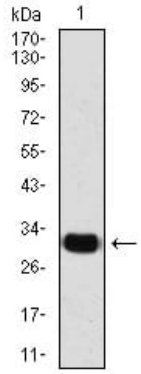
associated with sporatic cases of neural tube defects.

Research Area

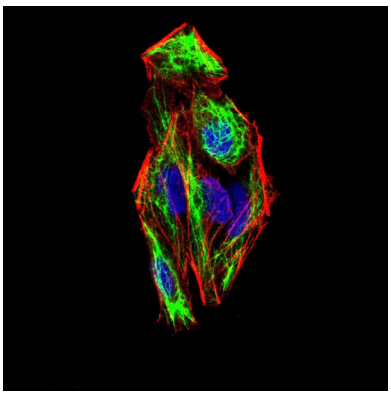
Image Data



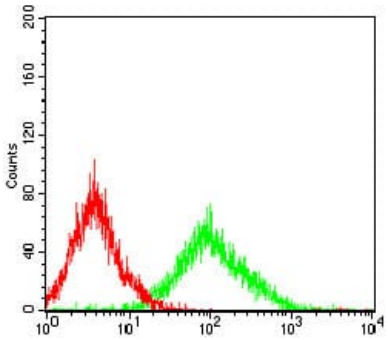
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



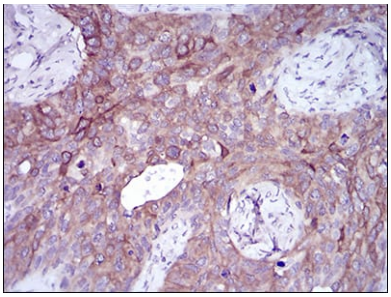
Western blot analysis using SNAI2 mouse mAb against MCF-7 cell lysate.



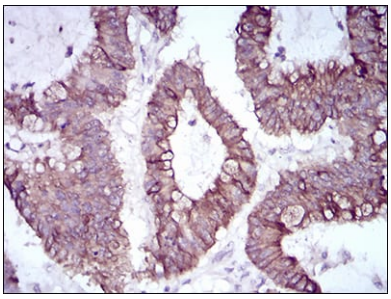
Immunofluorescence analysis of Hela cells using SNAI2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of MCF-7 cells using SNAI2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using SNAI2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using SNAI2 mouse mAb with DAB staining.