BT LAB
Bioassay Technology Laboratory
Optimize Your Research

SNAI2 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3065
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human SNAI2 (AA: 100-200) expressed in E. Coli.
Mol wt	30kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	SLUG;WS2D;SLUGH1;SNAIL2

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

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.

Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

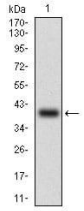
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

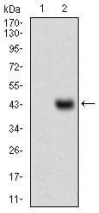
ELISA: 1:10000

Not yet tested in other applications.

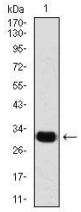
Images



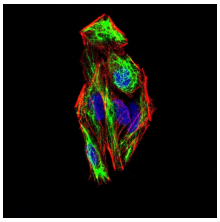
Western blot analysis using SNAI2 mAb against human SNAI2 (AA: 100-200) recombinant protein. (Expected MW is 39.8 kDa)



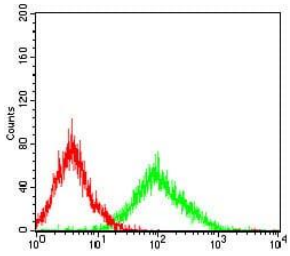
Western blot analysis using SNAI2 mAb against HEK293 (1) and SNAI2 (AA: 100-200)-hIgGFc transfected HEK293 (2) cell lysate.



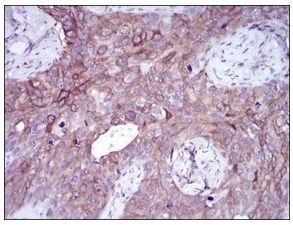
Western blot analysis using SNAI2 mouse mAb against MCF-7 cell lysate.



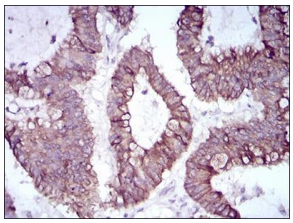
Immunofluorescence analysis of Hela cells using SNAI2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



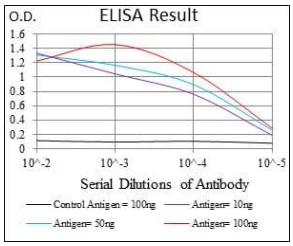
Flow cytometric analysis of MCF-7 cells using SNAI2 mouse mAb (green) and negative control (red).



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



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



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

Storage

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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com