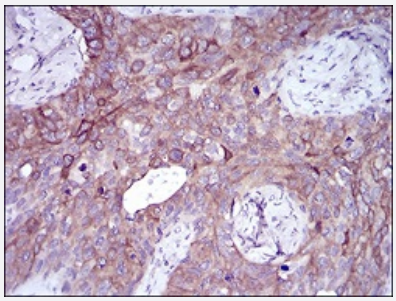
SNAI2 monoclonal antibody, clone 4B6D5

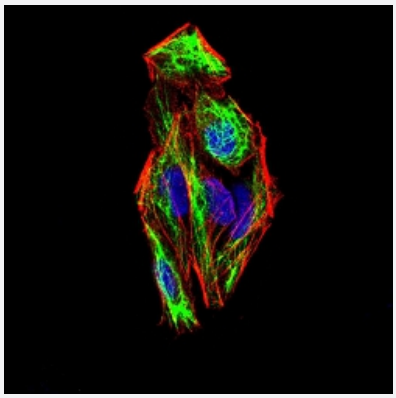
Catalog # MAB16648 Size 100 ug

Applications



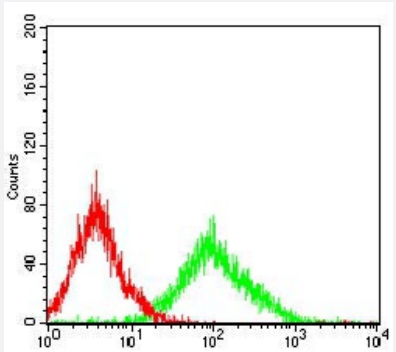
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded cervical cancer tissues with SNAI2 monoclonal antibody.



Immunocytochemistry

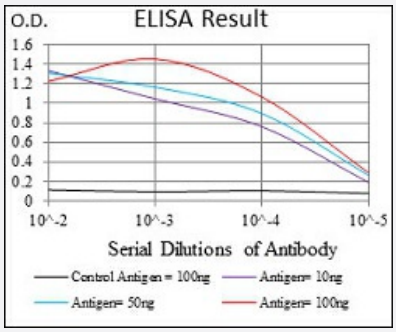
Immunocytochemical staining of Hela cells with SNAI2 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).



Flow Cytometry

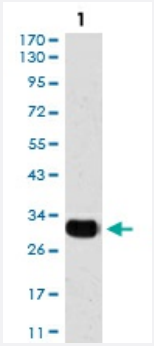
Flow cytometric analysis of MCF-7 cells with SNAI2 monoclonal antibody (green) and negative control (red).

Copyright © 2023 Abnova Corporation. All Rights Reserved.



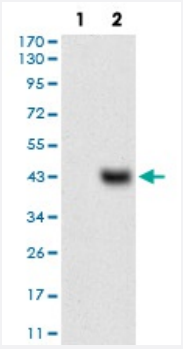
Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SNAI2 monoclonal antibody, clone 4B6D5.



Western Blot (Cell lysate)

Western blot analysis using SNAI2 monoclonal antibody against MCF-7 cell lysate.



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: SNAI2-hIgGFc transfected HEK293 cell with SNAI2 monoclonal antibody.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human SNAI2.
Immunogen	Recombinant protein corresponding to amino acid 100-200 of human SNAI2 from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	30
Reactivity	Human
Form	Liquid
Isotype	IgG1

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- ### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of paraffin-embedded cervical cancer tissues with SNAI2 monoclonal antibody.

- ### Immunocytochemistry

  Immunocytochemical staining of Hela cells with SNAI2 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).

- ### Flow Cytometry

  Flow cytometric analysis of MCF-7 cells with SNAI2 monoclonal antibody (green) and negative control (red).

- ### Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of SNAI2 monoclonal antibody, clone 4B6D5.

- ### Western Blot (Cell lysate)

  Western blot analysis using SNAI2 monoclonal antibody against MCF-7 cell lysate.

- ### Western Blot (Transfected lysate)

  Western blot analysis of Lane 1: HEK293 cell; Lane 2: SNAI2-hIgGFc transfected HEK293 cell with SNAI2 monoclonal antibody.

Gene Info — SNAI2

Entrez GeneID	6591
Gene Name	SNAI2

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Alias	MGC10182, SLUG, SLUGH1, WS2D
Gene Description	snail homolog 2 (Drosophila)
Omim ID	172800 602150 608890
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Snail family of C2H2-type zinc finger transcription factors. Th e encoded protein acts as a transcriptional repressor that binds to E-box motifs and is also likely t o repress E-cadherin transcription in breast carcinoma. This protein is involved in epithelial-mese nchymal transitions and has antiapoptotic activity. Mutations in this gene may be associated with sporatic cases of neural tube defects. [provided by RefSeq
Other Designations	OTTHUMP00000195093|neural crest transcription factor SLUG|slug (chicken homolog), zinc fing er protein|slug homolog, zinc finger protein|snail 2

Pathway

- Adherens junction

Disease

- Cleft Lip
- Cleft Palate

Copyright © 2023 Abnova Corporation. All Rights Reserved.