BT LAB
Bioassay Technology Laboratory
Optimize Your Research

SNAI1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4792
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human SNAI1 expressed in E. Coli.
Mol wt	29kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	SNA;SNAH;SLUGH2;dJ710H13.1;SNAI1

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

Background

Snail is a zinc-finger transcription factor that can repress E-cadherin transcription. Downregulation of E-cadherin is associated with epithelial-mesenchymal transition during embryonic development, a process also exploited by invasive cancer cells . Indeed, loss of E-cadherin expression is correlated with the invasive properties of some tumors and there is a considerable inverse correlation between Snail and E-cadherin mRNA levels in epithelial tumor cell lines . In addition, Snail blocks the cell cycle and confers resistance to cell death . Phosphorylation of Snail by GSK-3 and PAK1 regulates its stability, cellular localization and function .Tissue specificity: Expressed in a variety of tissues with the highest expression in kidney.

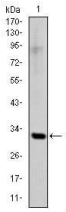
Recommended Dilution

WB: 1:500 - 1:2000

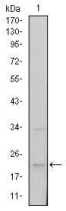
ELISA: 1:10000

Not yet tested in other applications.

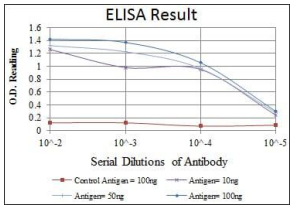
Images



Western blot analysis using SNAI1 mAb against human SNAI1 (AA: 2-264) recombinant protein. (Expected MW is 31.3 kDa)



Western blot analysis using SNAI1 mouse mAb against NTERA-2 cell lysate.



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

Storage

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

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