

Product Name: SNAI1 Mouse Monoclonal Antibody**Catalog #: AMM80931**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA
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	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ELISA 1:5000-1:20000
Molecular Weight	29kDa

Antigen Information

Gene Name	SNAI1
Alternative Names	SNA; SNAH; SLUGH2; dJ710H13.1; SNAI1
Gene ID	6615.0
SwissProt ID	O95863
Immunogen	Purified recombinant fragment of human SNAI1 expressed in E. Coli.

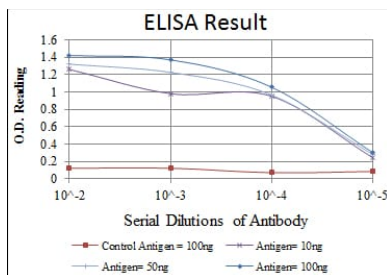
Background

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

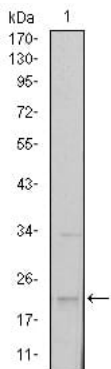
inverse correlation between Snail and E-cadherin mRNA levels in epithelial tumor cell lines . In addition, Snail blocks the cell cycle and confers resistance to cell death . Phosphorylation of Snail by GSK-3 and PAK1 regulates its stability, cellular localization and function .Tissue specificity: Expressed in a variety of tissues with the highest expression in kidney.

Research Area

Image Data



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



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