



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to SNAI1

Catalog Number: MAB-606030145

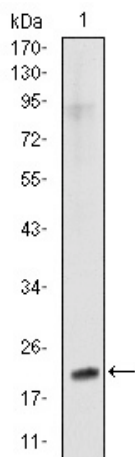


Figure 1: Western blot analysis using SNAI1 mAb against recombinant protein.

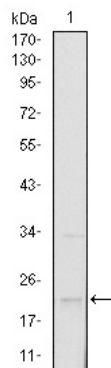


Figure 2: Western blot analysis using SNAI1 mouse mAb against NTERA-2 cell lysate.

Lot#:
Clone#: 6D2
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 29kDa
Aliases: SNA; SNAH; SLUGH2; dJ710H13.1; SNAI1
Entrez Gene: 6615
Species reactivity: Human

Description 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. **Immunogen** Purified recombinant fragment of human SNAI1 expressed in E. Coli.

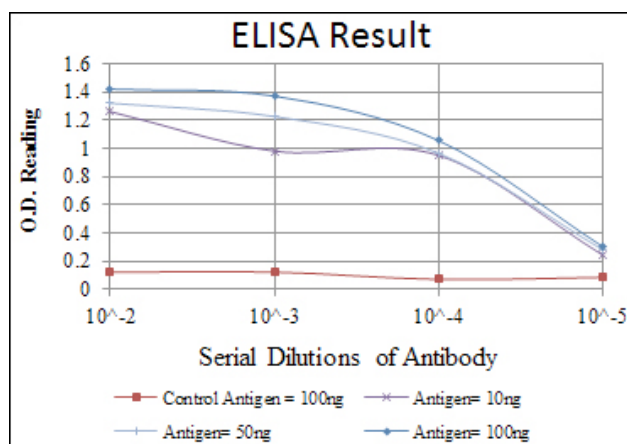
Application Western Blotting: 1/500 - 1/2000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product References

1. Exp Cell Res. 2008 Aug 1;314(13):2448-53.
2. Mol Cell Biol. 2008 Aug;28(15):4772-81.



For Research Use Only