

Mouse Monoclonal Antibody to SNAI1

Catalogue Number	sAP-0497
Target Molecule	<p>Name: SNAI1</p> <p>Aliases: SNA; SNAH; SLUGH2; dJ710H13.1; SNAI1</p> <p>MW: 29kDa</p> <p>Entrez Gene ID: 6615</p>
Description	<p>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.</p>
Immunogen	Purified recombinant fragment of human SNAI1 expressed in E. Coli.
Reactive Species	Human
Clone	MM6D2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Exp Cell Res. 2008 Aug 1;314(13):2448-53. ; 2. Mol Cell Biol. 2008 Aug;28(15):4772-81.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**