

Mouse Monoclonal Antibody to SNAI2

Catalogue Number	sAP-0390
Target Molecule	Name: SNAI2 Aliases: SLUG; WS2D; SLUGH1; MGC10182; SNAI2 MW: 30kDa Entrez Gene ID: 6591
Description	This gene encodes a member of the Snail family of C2H2-type zinc finger transcription factors. The encoded protein acts as a transcriptional repressor that binds to E-box motifs and is also likely to repress E-cadherin transcription in breast carcinoma. This protein is involved in epithelial-mesenchymal transitions and has antiapoptotic activity. The tumor suppressor protein p53 induces Slug expression in γ -irradiated cells; Slug protects damaged cells from apoptosis by repressing p53-induced transcription of the proapoptotic Bcl-2 family protein Puma. Mutations in this gene may be associated with sporadic cases of neural tube defects.
Immunogen	Purified recombinant fragment of human SNAI2 expressed in E. Coli.
Reactive Species	Human
Clone	MM2H5;
Size and Concentration	100 μ g/1mg/ml
Supplied as	Lyophilized Powder from 100 μ l of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100 μ l 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. Biochem J. 2008 Dec 1;416(2):179-87. ; 2. Mol Biol Cell. 2008 Nov;19(11):4875-87. ; 3. Am J Pathol. 2009 Jun;174(6):2107-15.

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**