

SNAIL Monoclonal Antibody (C.775.8)

Catalog NumberMA5-14865

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Mouse / IgG1	Tested Applications	Dilution *
Class	Monoclonal		
Type	Antibody	Western Blot (WB)	1:1,000
Clone	C.775.8	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Recombinant human Snail protein		
Conjugate	Unconjugated		
Form	Liquid		
Purification	Affinity chromatography		
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol		
Contains	<0.02% sodium azide		
Storage Conditions	-20°C		

Product specific information

It is not recommended to aliquot this antibody.

Background/Target Information

Zinc finger protein SNAI1 (SNAIL) is a zinc finger transcriptional repressor which down regulates the expression of the ectodermal gene within the mesoderm and functions to form the mesoderm and neural crest. It is reported that SNAI1 acts as an important factor of tumor invasion as evidenced by its role in E-cadherin down-regulation and induction of epithelial-mesenchymal transition (EMT). In human breast cancer, the expression of SNAI1 and /or the homologous SNAI2 (Slug) has been associated with E-cadherin repression, local or distant metastasis, tumor recurrence, or poor prognosis in different tumor series. It is also reported that Snail 1 protein in the stroma may be a new putative prognosis marker for colon tumors.

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