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Immunotag™ SNAI 1 Monoclonal Antibody

Antibody Specification

Catalog No.	ITM0589
Product Description	Immunotag™ SNAI 1 Monoclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SNAI 1
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Mouse
Immunogen	Purified recombinant fragment of human SNAI 1 expressed in E. Coli.
Specificity	SNAI 1 Monoclonal Antibody detects endogenous levels of SNAI 1 protein.
Purification	Affinity purification
Form	Ascitic fluid containing 0.03% sodium azide.
Gene Name	SNAI1
Accession No.	O95863 Q02085
Alternate Names	SNAI1; SNAH; Zinc finger protein SNAI1; Protein snail homolog 1; Protein sna

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Description	snail family transcriptional repressor 1(SNAI1) Homo sapiens The Drosophila embryonic protein snail is a zinc finger transcriptional repressor which downregulates the expression of ectodermal genes within the mesoderm. The nuclear protein encoded by this gene is structurally similar to the Drosophila snail protein, and is also thought to be critical for mesoderm formation in the developing embryo. At least two variants of a similar processed pseudogene have been found on chromosome 2. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	Adherens_Junction,
Protein Expression	Epithelium,Mammary gland,Testis,
Subcellular Localization	nucleus,cytoplasm,
Protein Function	function:Seems to be involved in embryonic mesoderm formation. Binds to 3 E-boxes of the E-cadherin gene promoter and represses its transcription.,similarity:Belongs to the snail C2H2-type zinc-finger protein family.,similarity:Contains 4 C2H2-type zinc fingers.,tissue specificity:Expressed in a variety of tissues with the highest expression in kidney.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.