

Product datasheet for **CF800196**

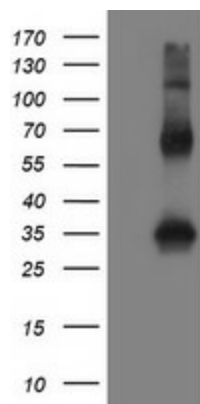
SLUG (SNAI2) Mouse Monoclonal Antibody [Clone ID: OTI1G7]

Product data:

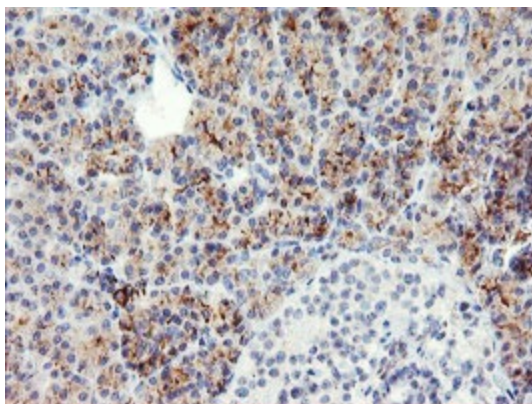
Product Type:	Primary Antibodies
Clone Name:	OTI1G7
Applications:	FC, IF, IHC, WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SNAI2 (NP_003059) produced in E.coli.
Formulation:	PBS (pH7.3), 8% Trehalose
Reconstitution Method:	Reconstitute with PBS (pH7.3). To use this carrier-free antibody for conjugation experiment, we strongly recommend you to perform another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids by affinity chromatography
Predicted Protein Size:	29.8 kDa
Gene Name:	Homo sapiens snail family transcriptional repressor 2 (SNAI2), mRNA.
Database Link:	NP_003059 Entrez Gene 6591 Human
Background:	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. Mutations in this gene may be associated with sporadic cases of neural tube defects. [provided by RefSeq]
Synonyms:	SLUG; SLUGH1; SNAI2; WS2D
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Adherens junction



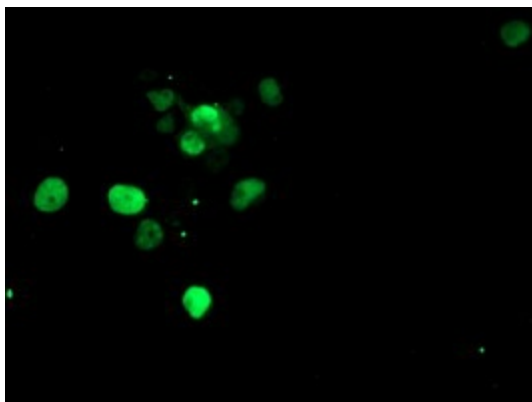
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Product images:

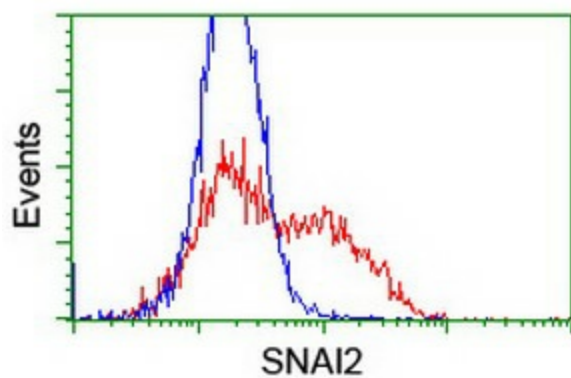
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SNAI2 (RC202365, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SNAI2. Positive lysates LY401070 (100ug) and LC401070 (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-SNAI2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA800196)



Anti-SNAI2 mouse monoclonal antibody (TA800196) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SNAI2 (RC202365).



HEK293T cells transfected with either RC202365 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SNAI2 antibody (TA800196), and then analyzed by flow cytometry.