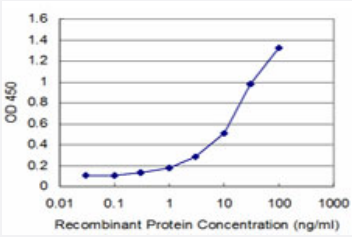
SNAI1 monoclonal antibody (M10), clone 2G11

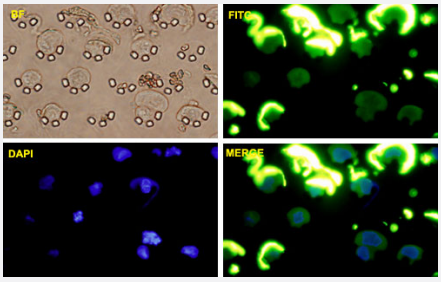
Catalog # H00006615-M10 Size 100 ug

Applications



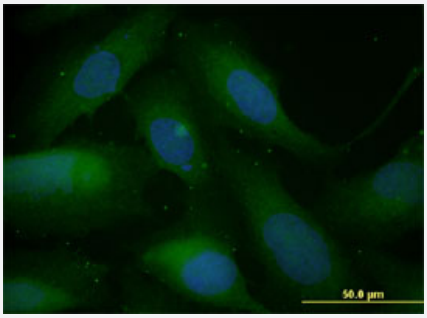
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SNAI1 is approximately 0.3ng/ml as a capture antibody.



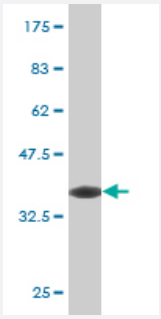
Immunofluorescence (Circulating Tumor Cell)

HCC36 cells were stained with SNAI1-FITC labeled monoclonal antibody (Green). The cell nucleus were counterstained with DAPI (Blue).



Immunofluorescence

Immunofluorescence of monoclonal antibody to SNAI1 on U-2 OS cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SNAI1.
Immunogen	SNAI1 (NP_005976.2, 121 a.a. ~ 230 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LEAEAYAAFPGLGQVPKQLAQLSEAKDLQARKAFNCKYCNKEYLSLGALKMHIRSHTLPCVCGT CGKAFSRPWLLQGHVRTHTGEKPFSCPHCSRAFADRSNLRAHLQTH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (91)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged SNAI1 is approximately 0.3ng/ml as a capture antibody.

  Protocol Download

- ELISA

- Immunofluorescence (Circulating Tumor Cell)

  HCC36 cells were stained with SNAI1-FITC labeled monoclonal antibody (Green). The cell nucleus were counterstained with DAPI (Blue).

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to SNAI1 on U-2 OS cell. [antibody concentration 10 ug/ml]

Gene Info — SNAI1

Entrez GeneID	6615
GeneBank Accession#	NM_005985
Protein Accession#	NP_005976.2
Gene Name	SNAI1
Gene Alias	SLUGH2, SNA, SNAH, dJ710H13.1
Gene Description	snail homolog 1 (Drosophila)
Omim ID	604238
Gene Ontology	Hyperlink
Gene Summary	The Drosophila embryonic protein snail is a zinc finger transcriptional repressor which downregul ates the expression of ectodermal genes within the mesoderm. The nuclear protein encoded by th is gene is structurally similar to the Drosophila snail protein, and is also thought to be critical for m esoderm formation in the developing embryo. At least two variants of a similar processed pseudo gene have been found on chromosome 2. [provided by RefSeq
Other Designations	OTTHUMP00000031680|snail 1 homolog|snail 1 zinc finger protein|snail 1, zinc finger protein

Publication Reference

- A novel long non-coding RNA linc-ZNF469-3 promotes lung metastasis through miR-574-5p-ZEB1 axis in triple negative breast cancer.

  Wang PS, Chou CH, Lin CH, Yao YC, Cheng HC, Li HY, Chuang YC, Yang CN, Ger LP, Chen YC, Lin FC, Shen TL, Hsiao M, Lu PJ.

  Oncogene 2018 Aug; 37(34):4662.

  Application: WB-Tr, Human, MDA-MB-231 vector, MDA-MB-231 linc-ZNF469-3, LM2-4175 sgControl, LM2-4175 sglinc-ZNF469-3 cells

- Isolation and characterization of a population of stem-like progenitor cells from an atypical meningioma.

  Rath P, Miller DC, Litofsky NS, Anthony DC, Feng Q, Franklin C, Pei L, Free A, Liu J, Ren M, Kirk MD, Shi H.

  Experimental and Molecular Pathology 2011 Apr; 90(2):179.

  Application: IHC, Mouse, Meningioma tumors

Pathway

- Adherens junction

Disease

- Breast cancer
- Breast Neoplasms
- Cleft Lip
- Cleft Palate
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Neoplasm Metastasis
- Neoplasm Recurrence
- Neoplasms
- Obesity
- Ovarian Neoplasms