

Product datasheet for TA500366M

OriGene Technologies, Inc.

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SNAIL (SNAI1) Mouse Monoclonal Antibody [Clone ID: OTI10D7]

Product data:

Product Type: Primary Antibodies

Clone Name: OTI10D7

Applications: WB

Recommended Dilution: WB 1:1000

Reactivity: Human, Mouse, Rat

Host: Mouse Isotype: IgG1

Clonality: Monoclonal

Immunogen: Full-length protein expressed in 293T cell transfected with human SNAI1 expression vector

Formulation: PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Concentration: 1 mg/ml

Purification: Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 29.1 kDa

Gene Name: snail family transcriptional repressor 1

Database Link: NP 005976

Entrez Gene 20613 MouseEntrez Gene 116490 RatEntrez Gene 6615 Human

095863

Background: 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

Synonyms: d|710H13.1; SLUGH2; SNA; SNAH; SNAIL; SNAIL1

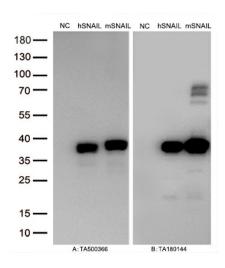




Protein Families: Druggable Genome

Protein Pathways: Adherens junction

Product images:



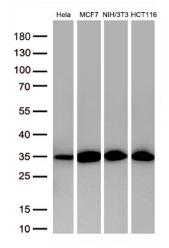


Figure A, Western blot analysis of overexpressed lysates (15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human SNAIL plasmid ([RC204581], hSNAIL), mouse SNAIL plasmid ([MR203505], mSNAIL) using anti-SNAIL antibody [TA500366] (1:10000@1mg/ml). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:10000@1mg/ml).

Western blot analysis of extracts (30ug per lane) from 4 different cell lines lysates by using anti-SNAIL antibody([TA500366],1:1000@1mg/ml).