

Product datasheet for **AM06436SU-N**

SLUG (SNAI2) Mouse Monoclonal Antibody [Clone ID: 2H5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2H5
Applications:	ELISA, WB
Recommended Dilution:	Western Blot: 1/500 - 1/2000. ELISA: 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human SNAI2 expressed in E. Coli.
Specificity:	This antibody reacts to SNAI2.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30 kDa
Gene Name:	snail family transcriptional repressor 2
Database Link:	Entrez Gene 6591 Human O43623



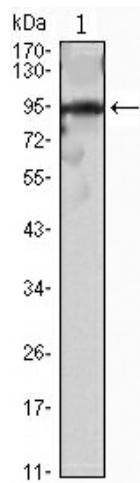
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Background:

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. The tumor suppressor protein p53 induces Slug expression in γ-irradiated cells; Slug protects damaged cells from apoptosis by repressing p53-induced transcription of the proapoptotic Bcl-2 family protein Puma. Mutations in this gene may be associated with sporadic cases of neural tube defects.

Synonyms:

SLUGH

Product images:


Western blot analysis using SNAI2 mouse mAb against SNAI2 (AA: 1-128)-hlgGfc transfected HEK293 cell lysate.