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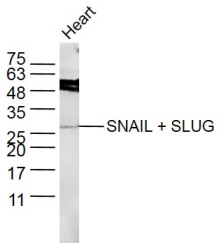
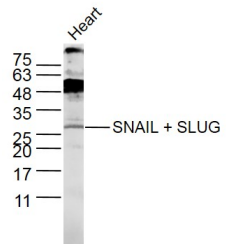
SNAIL + SLUG Rabbit pAb

Catalog Number:	bs-11961R
Target Protein:	SNAIL + SLUG
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), Flow-Cyt (1µg/Test)
Reactivity:	Human, Mouse, Rat (predicted:Rabbit, Pig, Sheep, Cow, Chicken, Dog, GuineaPig, Danio rerio)
Predicted MW:	30 kDa
Entrez Gene:	6591
Swiss Prot:	O43623
Source:	KLH conjugated synthetic peptide derived from human SNAIL + SLUG: 151-250/264.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	Component of cohesin complex, a complex required for the cohesion of sister chromatids after DNA replication. The cohesin complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. The cohesin complex may also play a role in spindle pole assembly during mitosis.

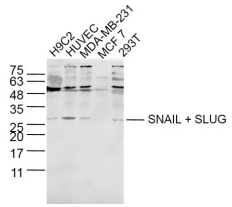
VALIDATION IMAGES



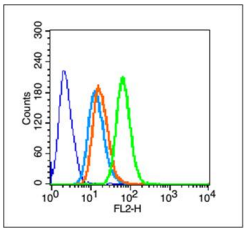
Heart Cell(mouse) Lysate at 40 ug Primary: Anti- SNAIL + SLUG (bs-11961R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 30 kD Observed band size: 30 kD



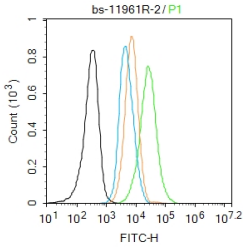
Sample: Heart Cell(Rat) Lysate at 40 ug Primary: Anti- SNAIL + SLUG (bs-11961R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 30 kD Observed band size: 30 kD



Sample: H9C2 Cell(Rat) Lysate at 30 ug HUVEC Cell(Human) Lysate at 30 ug MAD-MB-231 Cell(Human) Lysate at 30 ug 293T Cell(Human) Lysate at 30 ug Primary: Anti- SNAIL + SLUG (bs-11961R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 30 kD Observed band size: 30 kD



Blank control (blue line): Hela (fixed with 70% methanol (Overnight at 4°C) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C). Primary Antibody (green line): Rabbit Anti-SNAIL + SLUG antibody (bs-11961R), Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE,Dilution: 1µg /test.



Blank control: HepG2. Primary Antibody (green line): Rabbit Anti-SNAIL+SLUG antibody (bs-11961R) Dilution: 2µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF488 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at-20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.848] Wang Chengqin. et al. Silencing of KIF3B Suppresses Breast Cancer Progression by Regulating EMT and Wnt/β-Catenin Signaling. Front Oncol. 2021 Jan;10:3063 WB,IHC ; Human . 33542902

[IF=5.1] Zhichen Guo. et al. The Role of the Cytoskeletal Regulatory Protein, Mammalian Enabling Protein (Mena), in Invasion and Metastasis of HPV16-Related Oral Squamous Cell Carcinoma. CELLS-BASEL. 2024 Jan;13(23):1972 WB ; Human . 39682720

[IF=4.12] Wang et al. Kukoamine A inhibits human glioblastoma cell growth and migration through apoptosis induction and epithelial-mesenchymal transition attenuation. (2016) Sci.Rep. 6:36543 WB ; Human . 27824118

[IF=3.8] Xuan Xiuyun. et al. DTL promotes the growth and migration of melanoma cells through the ERK/E2F1/BUB1 axis. SCI REP-UK. 2024 Nov;14(1):1-17 WB ; Human . 39487277

[IF=4.068] Hao Cui. et al. Mena as a key enhancer factor of EMT to promote metastasis of human tongue squamous cell carcinoma. ORAL DIS. 2023 May;: WB ; Human . 37203597