Human Snail Alexa Fluor® 488-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: IC3639G
25 Tests

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Snail in direct ELISAs.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human Snail Pro2-Arg264 Accession # O95863
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

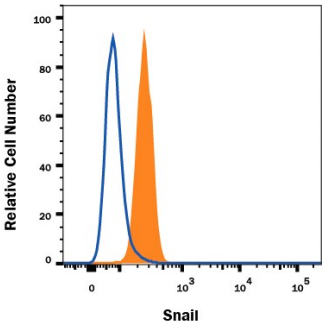
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	5 µL/10^6 cells	See Below

DATA

Intracellular Staining by Flow Cytometry



Detection of Snail in A549 Human Cell Line by Flow Cytometry. A549 human lung carcinoma cell line was stained with Goat Anti-Human Snail Alexa Fluor® 488-conjugated Antigen Affinity-purified Polyclonal Antibody (Catalog # IC3639G, filled histogram) or isotype control antibody (Catalog # IC108G, open histogram). To facilitate intracellular staining, cells were fixed and permeabilized with FlowX FoxP3 Fixation & Permeabilization Buffer Kit (Catalog # FC012). View our protocol for Staining Intracellular Molecules.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Snail is predicted 29 kDa nuclear zinc finger transcriptional repressor that contains an N-terminal basic SNAG domain followed by three classical and one atypical zinc finger domains. During development, Snail is required for the establishment of left-right axis asymmetry. It also regulates the transcription of E-cadherin and other genes involved in epithelial-mesenchymal transitions during cancer progression. Human Snail shares 88% amino acid sequence identity with mouse and rat Snail.

PRODUCT SPECIFIC NOTICES

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