

Snail1 Monoclonal Antibody (20C8), Alexa Fluor 488, eBioscience™

Product Details	
Size	25 µg
Species Reactivity	Human
Host/Isotope	Mouse / IgG2a, kappa
Recommended Isotype Control	Mouse IgG2a kappa Isotype Control (eBM2a), Alexa Fluor 488, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	20C8
Conjugate	Alexa Fluor® 488
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2574482

Applications	Tested	Dilution	Published
ELISA (ELISA)	✓	Assay-Dependent	
Flow Cytometry (Flow)	✓	Assay-Dependent	
Immunocytochemistry (ICC)	✓	20 µg/mL	
Immunofluorescence (IF)	✓	20 µg/mL	
Immunohistochemistry (Paraffin) (IHC (P))	✓	20 µg/mL	
Western Blot (WB)	✓	Assay-Dependent	

Product Specific Information

Description: The monoclonal antibody 20C8 recognizes human Snail1, a 29 kDa zinc finger transcription factor. Snail1 and Slug both belong to a family of transcription factors that are responsible for inducing epithelial to mesenchymal transition (EMT) during normal organ development and tumor progression. Snail1 expression is localized to both the cytoplasm and nucleus and functions as a transcriptional repressor of E-cadherin, claudins, occludin, and desmoplakin. During embryonic development, Snail1 is localized to the mesoderm, while in the adult, expression is inducible and is usually limited to activated fibroblasts and some mesenchymal cells. Overexpression of Snail1 has been found in carcinomas and fibrosarcomas and may be used as an early marker for EMT.

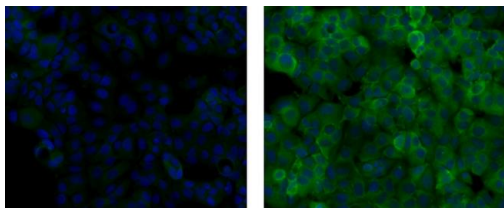
Applications Reported: This 20C8 antibody has been reported for use in immunohistochemical staining of formalin-fixed paraffin embedded (IHC-P) tissue, ELISA, immunoprecipitation, western blotting, immunocytochemistry, and intracellular staining followed by flow cytometric analysis.

Applications Tested: This 20C8 antibody has been tested by immunocytochemistry on fixed and permeabilized MCF7 cells and by immunohistochemistry on formalin-fixed paraffin embedded human infiltrating ductal carcinoma. This antibody can be used at less than or equal to 20 µg/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 488 nm; Emission: 519 nm; Laser: Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For Snail1 Monoclonal Antibody (20C8), Alexa Fluor 488, eBioscience™



Snail1 Antibody (53-9859-80) in ICC

Immunocytochemistry on fixed and permeabilized MCF7 cells using 20 µg/mL Mouse IgG2a Alexa Fluor® 488 Isotype Control (left) or 20 µg/mL Anti-Human Snail1 Alexa Fluor® 488 (right). Nuclei are stained with DAPI.

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