

For Research Use Only

# CoraLite® Plus 488-conjugated SNAI2/SLUG Recombinant monoclonal antibody

Catalog Number: **CL488-82755-3**



## Basic Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>CL488-82755-3                        | <b>GenBank Accession Number:</b><br>BC015895      | <b>Purification Method:</b><br>Protein A purification             |
| <b>Size:</b><br>100ul , Concentration: 1000 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>6591                     | <b>CloneNo.:</b><br>250290A2                                      |
| <b>Source:</b><br>Rabbit                                       | <b>UNIPROT ID:</b><br>O43623                      | <b>Recommended Dilutions:</b><br>IF/ICC: 1:50-1:500               |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>snail homolog 2 (Drosophila) | <b>Excitation/Emission maxima wavelengths:</b><br>493 nm / 522 nm |
| <b>Immunogen Catalog Number:</b><br>AG2773                     | <b>Calculated MW:</b><br>268 aa, 30 kDa           |   |
|  | <b>Observed MW:</b><br>30-35 kDa                  |   |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>IF/ICC            | <b>Positive Controls:</b><br>IF/ICC : A431 cells, |
| <b>Species Specificity:</b><br>human, mouse, rat |   |

## Background Information

SNAI2 belongs to the Snail family of zinc finger transcription factors, which shares an evolutionarily conserved role in mesoderm formation in vertebrates and invertebrates. It triggers epithelial-mesenchymal transitions and has a crucial role in developmental processes. Also it is a transcriptional repressor in mediating RAF-induced expression of TJ protein, occludin(OCLN) and subsequent oncogenic transformation of epithelial cells.

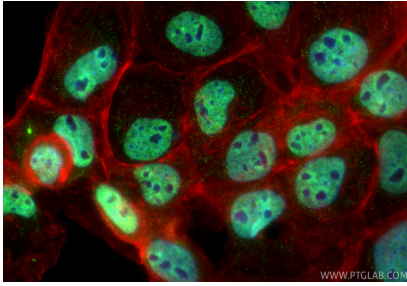
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite® Plus 488 SNAI2/SLUG antibody (CL488-82755-3, Clone: 250290A2 ) at dilution of 1:200, CL594-Phalloidin (red).