

For Research Use Only

# CoraLite® Plus 488-conjugated SSSCA1 Monoclonal antibody

Catalog Number: CL488-68423



## Basic Information

### Catalog Number:

CL488-68423

### Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

### Source:

Mouse

### Isotype:

IgG1

### Immunogen Catalog Number:

AG16783

### GenBank Accession Number:

BC014791

### GeneID (NCBI):

10534

### UNIPROT ID:

O60232

### Full Name:

Sjogren syndrome/scleroderma autoantigen 1

### Calculated MW:

199 aa, 21 kDa

### Observed MW:

23 kDa

### Purification Method:

Protein G purification

### CloneNo.:

1D2E8

### Recommended Dilutions:

IF/ICC 1:50-1:500

### Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

### Tested Applications:

IF/ICC, FC (Intra)

### Species Specificity:

human, mouse, rat

### Positive Controls:

IF/ICC : HeLa cells,

## Background Information

SSSCA1, also named as Autoantigen p27, is centromere-associated protein. It may induce anti-centromere antibodies. SSSCA1 plays a role in mitosis. It's involved in Sjogren syndrome/scleroderma. The calculated MW of SSSCA1 is 21.5 kDa (native form), with modification the MW is about 23-27 kDa.

## 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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

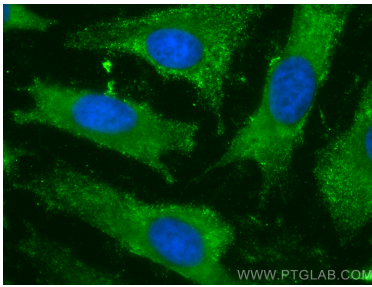
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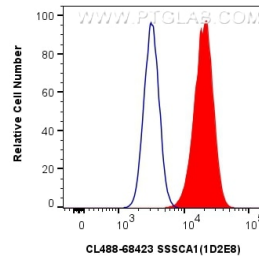
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 SSSCA1 antibody (CL488-68423, Clone: 1D2E8) at dilution of 1:200.



1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated SSSCA1 Monoclonal antibody (CL488-68423, Clone:1D2E8) (red), or 0.4 ug CoraLite® Plus 488 Mouse IgG1 Isotype Control (1F8D3) (CL488-66360-1, Clone: 1F8D3) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).