

For Research Use Only

SSSCA1 Monoclonal antibody

Catalog Number: 68423-1-Ig



Basic Information

Catalog Number: 68423-1-Ig	GenBank Accession Number: BC014791	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10534	CloneNo.: 1D2E8
Source: Mouse	Full Name: Sjogren syndrome/scleroderma autoantigen 1	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Calculated MW: 199 aa, 21 kDa	
Immunogen Catalog Number: AG16783	Observed MW: 23 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB: A549 cells, LNCaP cells, MCF-7 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 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. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

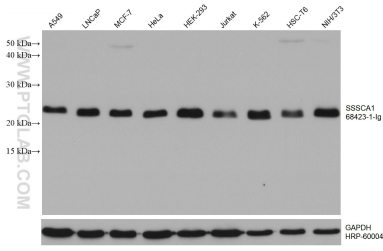
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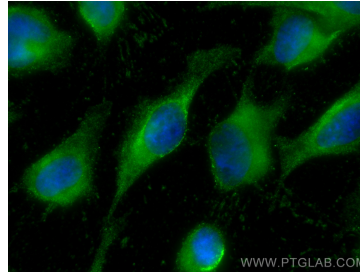
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68423-1-Ig (SSSCA1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using SSSCA1 antibody (68423-1-Ig, Clone: 1D2E8) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).