10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SSSCA1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full-length recombinant SSSCA1.
Catalog # AT4048a

Product Information

Application	WB, E
Primary Accession	O60232
Other Accession	BC014791
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2H4
Calculated MW	21474

Additional Information

Gene ID	10534
Other Names	Sjoegren syndrome/scleroderma autoantigen 1, Autoantigen p27, SSSCA1
Target/Specificity	SSSCA1 (AAH14791.1, 1 a.a. ~ 199 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	SSSCA1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

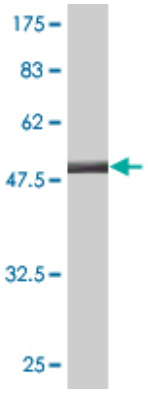
This antigen is recognized by a subset of anti-centromere antibodies from patients with scleroderma and/or Sjogren's syndrome. Subcellular localization has not yet been established.

References

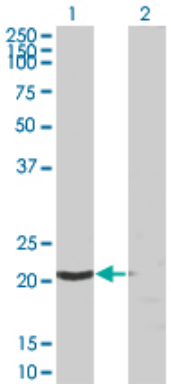
Expression of CRM1 in human gliomas and its significance in p27 expression and clinical prognosis. Shen A, et al. Neurosurgery, 2009 Jul. PMID 19574837.Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC).

Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.

Images

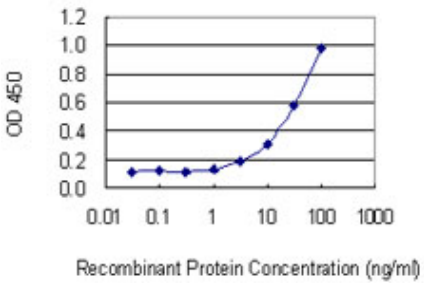


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (47.63 KDa) .



Western Blot analysis of SSSCA1 expression in transfected 293T cell line by SSSCA1 monoclonal antibody (M03), clone 2H4.

Lane 1: SSSCA1 transfected lysate(21.474 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged SSSCA1 is 1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.