

SCML1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SCML1.

Catalog # AT3790a

Product Information

Application	WB, IHC, IF, E
Primary Accession	Q9UN30
Other Accession	NM_006746
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4G3
Calculated MW	37447

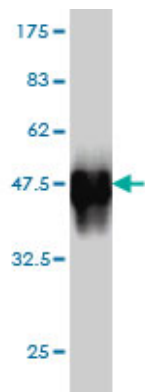
Additional Information

Gene ID	6322
Other Names	Sex comb on midleg-like protein 1, SCML1
Target/Specificity	SCML1 (NP_006737, 3 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 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	SCML1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

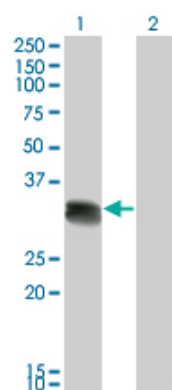
References

Adaptive evolution of SCML1 in primates, a gene involved in male reproduction. Wu HH, et al. BMC Evol Biol, 2008 Jul 5. PMID 18601738. The DNA sequence of the human X chromosome. Ross MT, et al. Nature, 2005 Mar 17. PMID 15772651. 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. Characterization of SCML1, a new gene in Xp22, with homology to developmental polycomb genes. van de Vosse E, et al. Genomics, 1998 Apr 1. PMID 9570953.

Images

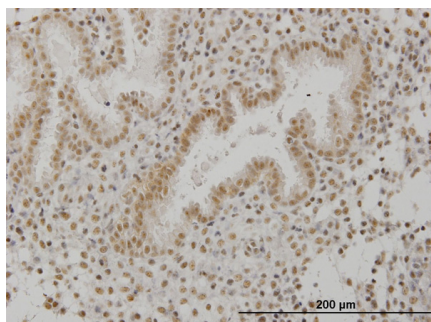


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .

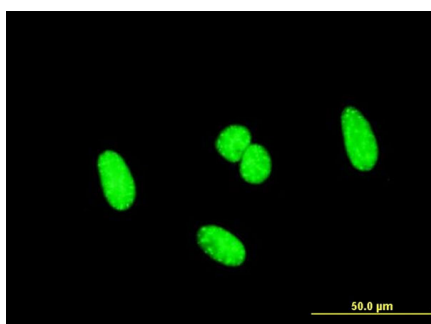


Western Blot analysis of SCML1 expression in transfected 293T cell line by SCML1 monoclonal antibody (M01), clone 4G3.

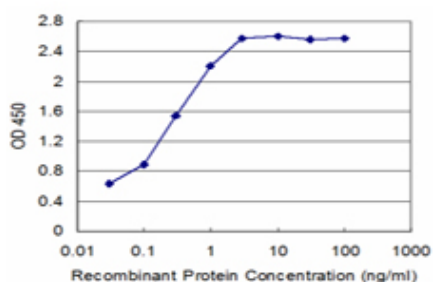
Lane 1: SCML1 transfected lysate(23.131 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to SCML1 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 1.2 ug/ml]



Immunofluorescence of monoclonal antibody to SCML1 on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged SCML1 is approximately 0.03ng/ml as a capture antibody.