

SCML1 Antibody (clone 4G3) Mouse Monoclonal Antibody Catalog # ALS13393

## **Specification**

# SCML1 Antibody (clone 4G3) - Product Information

## SCML1 Antibody (clone 4G3) - Additional Information

Gene ID 6322

**Other Names** Sex comb on midleg-like protein 1, SCML1

**Reconstitution & Storage** Store at -20°C. Aliquot to avoid freeze/thaw cycles.

**Precautions** SCML1 Antibody (clone 4G3) is for research use only and not for use in diagnostic or therapeutic procedures.

# SCML1 Antibody (clone 4G3) - Protein Information

Name SCML1

#### Function

Putative Polycomb group (PcG) protein. PcG proteins act by forming multiprotein complexes, which are required to maintain the transcriptionally repressive state of homeotic genes throughout development. May be involved in spermatogenesis during sexual maturation (By similarity).

Cellular Location Nucleus.

**Tissue Location** Ubiquitous. Expressed in fetal and adult tissues.

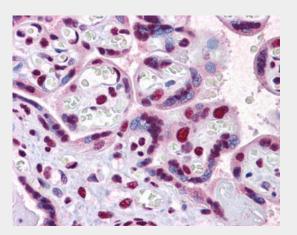
### SCML1 Antibody (clone 4G3) - Protocols

Provided below are standard protocols that you may find useful for product applications.

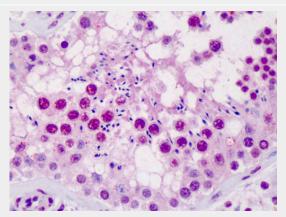


- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

## SCML1 Antibody (clone 4G3) - Images



Anti-SCML1 antibody IHC of human placenta.



Anti-SCML1 antibody IHC of human testis.

# SCML1 Antibody (clone 4G3) - Background

Putative Polycomb group (PcG) protein. PcG proteins act by forming multiprotein complexes, which are required to maintain the transcriptionally repressive state of homeotic genes throughout development. May be involved in spermatogenesis during sexual maturation (By similarity).

# SCML1 Antibody (clone 4G3) - References

van de Vosse E.,et al.Genomics 49:96-102(1998). Wu H.-H.,et al.BMC Evol. Biol. 8:192-192(2008). Ota T.,et al.Nat. Genet. 36:40-45(2004). Ross M.T.,et al.Nature 434:325-337(2005). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.