

Anti mouse *Sall4* mouse monoclonal antibody

Sall4: sal-like 4

Code No	PP-PPZ0601-00
Clone No.	PPZ0601
Lot.	***
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	The <i>spalt (sal)</i> genes encodes proteins characterized by multiple double zinc-finger motifs of C2H2 type, which were first found in <i>Drosophila</i> . Mutations in <i>SALL4</i> which is one of sal-related genes in human cause an autosomal disorder known as Okhiro syndrome. The mouse homolog of <i>Sall4</i> is essential for early embryogenesis and for the proliferation of ES cells.

Nomenclature -

Genbank NM_175303

Origin Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant mouse *Sall4* (95-216 aa) .

Specificity This antibody specifically recognizes mouse *Sall4*. Not yet tested in other species, including human.

Purification Ammonium sulfate fractionation.

Formulation Physiologic saline with 0.1 % NaN3.

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot Decide by use

Non reducing Western Blot Not yet tested

ELISA Decide by use

Immunoprecipitation Decide by use

Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry Decide by use

Storage Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

Reference Sakaki-Yumoto, et al., Development, 133: 3005-3013, 2006.

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

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MADE IN JAPAN

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