

## Anti mouse *Sall4* mouse monoclonal antibody

Sall4: sal-like 4

Code No	PP-PPZ0601-00
Clone No.	PPZ0601
Lot.	A-2
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	The <i>spalt</i> ( <i>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 Okihiro syndrome. The mouse homolog of Sall4 is essential for early embryogenesis and for the proliferation of ES cells.
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) .
Epitope	
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 % NaN <sub>3</sub> .

### 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
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Non reducing Western Blot	Not yet tested
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ELISA	Decide by use
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Immunoprecipitation	Decide by use
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Supershift Assay	Not yet tested
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Chromatin immunoprecipitation	Not yet tested
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Immunohistochemistry	Decide by use
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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.
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Reference	Sakaki-Yumoto M, <i>et al.</i> , Development, 133(15): 3005-13, 2006.
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Notes	Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.
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**MADE IN JAPAN**

July 1, 2023