

## Anti mouse *Sall4* mouse monoclonal antibody

Sall4: sal-like 4

<b>Code No</b>	PP-PPZ0601-00	<b>Application / Recommended Concentration</b>	In order to obtain the best results, optimal working dilutions should be determined by each individual user.
<b>Clone No.</b>	PPZ0601	<b>Western Blot</b>	Decide by use
<b>Lot.</b>	A-2	<b>Non reducing Western Blot</b>	Not yet tested
<b>Concentration</b>	1 mg/mL	<b>ELISA</b>	Decide by use
<b>Volume</b>	100 uL	<b>Immunoprecipitation</b>	Decide by use
<b>Ig Class</b>	G2a	<b>Supershift Assay</b>	Not yet tested
<b>Description</b>	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 Okihiro syndrome. The mouse homolog of Sall4 is essential for early embryogenesis and for the proliferation of ES cells.	<b>Chromatin immunoprecipitation</b>	Not yet tested
<b>Genbank</b>	NM_175303	<b>Immunohistochemistry</b>	Decide by use
<b>Origin</b>	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) .	<b>Storage</b>	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.
<b>Epitope</b>		<b>Reference</b>	Sakaki-Yumoto M, <i>et al.</i> , Development, 133(15): 3005-13, 2006.
<b>Specificity</b>	This antibody specifically recognizes mouse Sall4. Not yet tested in other species, including human.	<b>Notes</b>	Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.
<b>Purification</b>	Ammonium sulfate fractionation.		
<b>Formulation</b>	Physiologic saline with 0.1 % NaN3.		

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**MADE IN JAPAN**  
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