

For Research Use Only

# SALL4 Monoclonal antibody

Catalog Number: 66236-1-Ig **3 Publications**



## Basic Information

<b>Catalog Number:</b> 66236-1-Ig	<b>GenBank Accession Number:</b> BC111714	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1500 µg/ml	<b>GeneID (NCBI):</b> 57167	<b>CloneNo.:</b> 2B5B2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9UJQ4	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Full Name:</b> sal-like 4 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG17480	<b>Calculated MW:</b> 1053 aa, 112 kDa	
	<b>Observed MW:</b> 165 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : K-562 cells,
<b>Cited Applications:</b> WB, IHC	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

SALL4, also named as Sal-like protein 4 or Zinc finger protein 797, Contains 7 C2H2-type zinc fingers and belongs to the sal C2H2-type zinc-finger protein family. SALL4 is constitutively expressed in acute myeloid leukemia. The constitutive expression of SALL4 in mice is sufficient to induce MDS-like symptoms and transformation to AML that is transplantable. SALL4 is able to bind beta-catenin and activate the Wnt/beta-catenin signaling pathway. Sequence analysis of the larger cDNA fragment isolated revealed a single, large open-reading frame, designated as SALL4A, that started from a strong consensus initiation sequence and was expected to encode 1053 amino acids. The other splicing variant of SALL4, designated SALL4B, lacked the region corresponding to amino acids 385 to 820 of the full-length SALL4A. The putative protein encoded by SALL4B cDNA was expected to consist of 617 amino acids.

## Notable Publications

Author	Pubmed ID	Journal	Application
Peng Wu	32222813	Pediatr Surg Int	IHC
Chiung-Chi Cheng	33860837	Cancer Chemother Pharmacol	WB
Jun Zhang	39500780	Discov Oncol	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

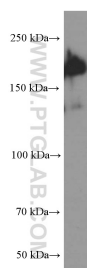
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## Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 66236-1-Ig (SALL4 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.