

For Research Use Only

# SALL4 Recombinant monoclonal antibody

Catalog Number:83039-7-RR



## Basic Information

<b>Catalog Number:</b> 83039-7-RR	<b>GenBank Accession Number:</b> BC111714	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57167	<b>CloneNo.:</b> 230284F1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UJQ4	<b>Recommended Dilutions:</b> IHC: 1:1500-1:6000
<b>Isotype:</b> IgG	<b>Full Name:</b> sal-like 4 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG16076	<b>Calculated MW:</b> 1053 aa, 112 kDa	

## Applications

**Tested Applications:**  
IHC, ELISA

**Species Specificity:**  
human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

IHC : Human seminoma,

## Background Information

Sal-like protein 4 (SALL4), also named Zinc finger protein 797, contains 7 C2H2-type zinc fingers and belongs to the sal C2H2-type zinc-finger protein family. SALL4 is a transcription factor that exists in two splice isoforms and regulates transcription in embryonic stem cells, hematopoiesis, and acute myeloid leukemia. SALL4 is activated in fetal liver tissue, silenced in adult liver tissue, and reexpressed as an oncofetal protein in hepatocellular carcinoma (PMID: 26892498, 23758232). SALL4 has two isoforms with predicted molecular weights of 112 kDa (SALL4A) and 66 kDa (unmodified SALL4B), and SALL4B was found to be the dominant endogenous isoform in HCC cell lines. Ectopically expressed SALL4B migrated at 95 kDa modified by ubiquitination, 130 kDa modified by sumoylation (PMID: 23012367).

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

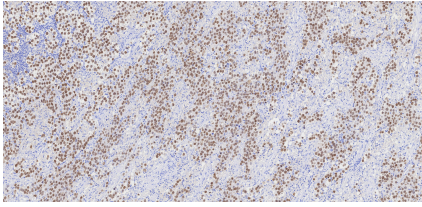
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

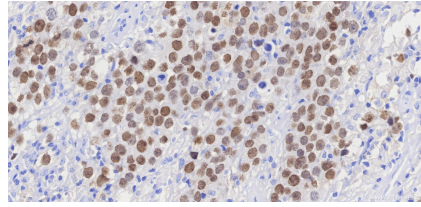
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded Human seminoma slide using 83039-7-RR (SALL4 antibody) at dilution of 1:3000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded Human seminoma slide using 83039-7-RR (SALL4 antibody) at dilution of 1:3000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).