

For Research Use Only

SALL4 Recombinant monoclonal antibody

Catalog Number:83039-7-RR



Basic Information

Catalog Number: 83039-7-RR	GenBank Accession Number: BC111714	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 57167	CloneNo.: 230284F1
Isotype: IgG	UNIPROT ID: Q9UJQ4	Recommended Dilutions: IHC: 1:1500-1:6000
Immunogen Catalog Number: AG16076	Full Name: sal-like 4 (Drosophila)	
	Calculated MW: 1053 aa, 112 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : Human seminoma,
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

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

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

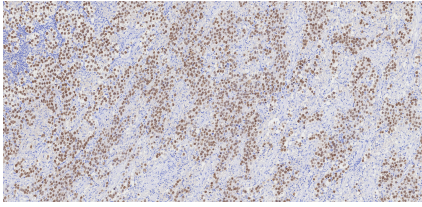
T: 4006900926

E: Proteintech-CN@ptglab.com

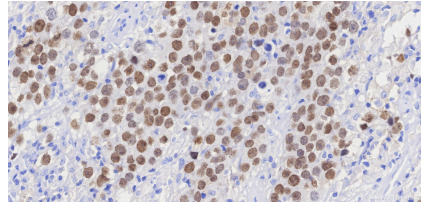
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Selected Validation Data



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).