

ARG66521 anti-Sall4 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes Sall4
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b, kappa
Target Name	Sall4
Species	Human
Immunogen	Synthetic peptide derived from Human Sall4.
Conjugation	Un-conjugated
Alternate Names	dJ1112F19.1; Zinc finger protein 797; DRRS; Zinc finger protein SALL4; Sal-like protein 4; HSAL4; ZNF797

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:500
	WB	1:500 - 1:2000
Application Note	IHC-P: Antigen Retrieval: Tris/EDTA buffer (pH 8.0) was used. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	130 kDa	

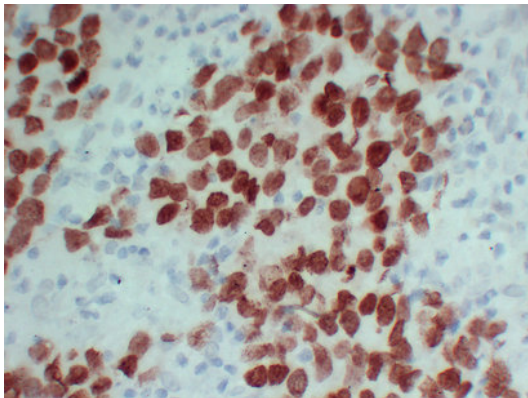
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

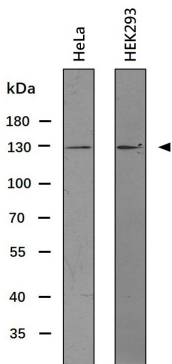
Gene Symbol	SALL4
Gene Full Name	spalt-like transcription factor 4
Background	The protein encoded by this gene may be a zinc finger transcription factor. Defects in this gene are a cause of Duane-radial ray syndrome (DRRS). [provided by RefSeq, Jul 2008]
Function	Transcription factor with a key role in the maintenance and self-renewal of embryonic and hematopoietic stem cells. [UniProt]
Calculated Mw	112 kDa
PTM	Isoform SALL4B exists primarily as a ubiquitinated form. Sumoylation with both SUMO1 and SUMO2 regulates the stability, subcellular localization, transcriptional activity, and may reduce interaction with POU5F1/OCT4. [UniProt]
Cellular Localization	Cytoplasm. Nucleus. [UniProt]

Images



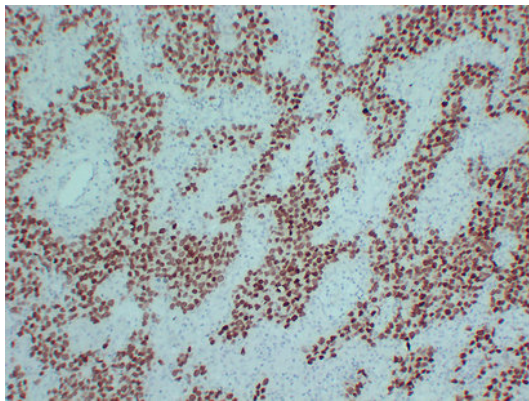
ARG66521 anti-Sall4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human seminoma (high magnification) stained with ARG66521 anti-Sall4 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Tris/EDTA buffer (pH 8.0) was used.



ARG66521 anti-Sall4 antibody WB image

Western blot: 30 µg of HeLa and HEK293 whole cell lysates stained with ARG66521 anti-Sall4 antibody at 1:1000 dilution.



ARG66521 anti-Sall4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human seminoma stained with ARG66521 anti-Sall4 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Tris/EDTA buffer (pH 8.0) was used.