

## 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	

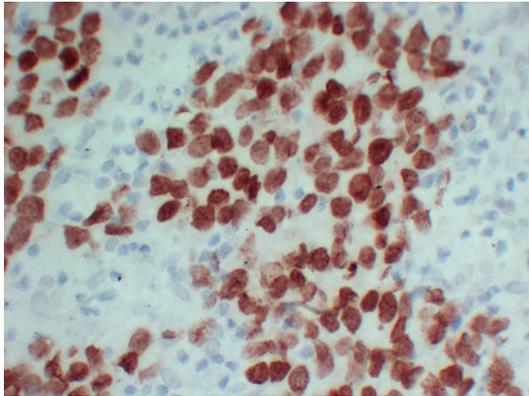
### Properties

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

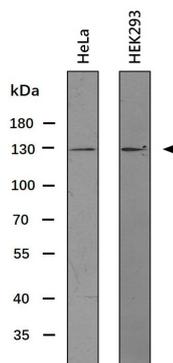
Gene Symbol	SALL4
Gene Full Name	spalt-like transcription factor 4
Background	The protein encoded by this gene may be a zinc finger transcription factor. Defects in this gene are a cause of Duane-radial ray syndrome (DRRS). [provided by RefSeq, Jul 2008]
Function	Transcription factor with a key role 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



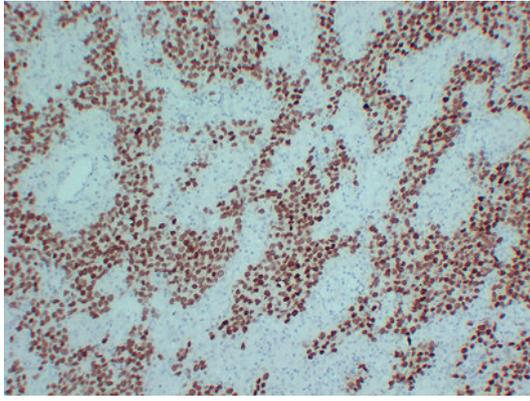
ARG66521 anti-Sall4 antibody IHC-P image

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.