SALL4 (ABT-SALL4) Mouse mAb

CatalogNo: YM6670

Key Features

Host Species
- Mouse

Reactivity
- Human,

Applications
- IHC,IF,ELISA

MW
- 113kD (Calculated)

130kD (Observed)

Isotype
- IgG2b,Kappa

Recommended Dilution Ratios

IHC 1:50-200
IF 1:50-200
ELISA 1:500-5000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Basic Information

Clonality	Monoclonal
Clone Number	ABT-SALL4

Immunogen Information

Immunogen	Synthesized peptide derived from human SALL4 AA range: 750-850
Specificity	This antibody detects endogenous levels of SALL4 protein.

Target Information

Gene name SALL4 ZNF797

Protein Name SALL4

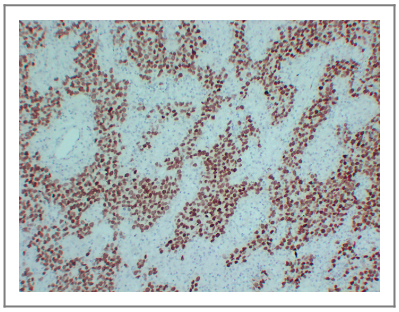
Organism	Gene ID	UniProt ID
Human	57167;	Q9UJQ4;

Cellular Localization Nuclear

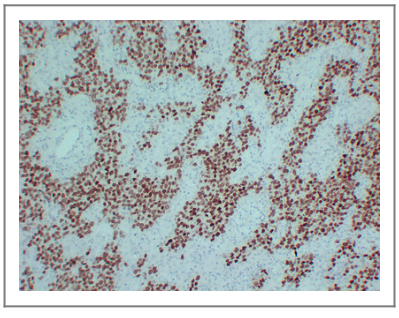
Tissue specificity Expressed in testis. Constitutively expressed in acute myeloid leukemia (AML).

Function Disease:Defects in SALL4 are the cause of Duane-radial ray syndrome (DRRS) [MIM:607323]; also known as Okihiro syndrome. DRRS is a disorder characterized by the association of forearm malformations with Duane retraction syndrome.,Disease:Defects in SALL4 are the cause of IVIC syndrome [MIM:147750]. IVIC syndrome is an autosomal dominant condition characterized by upper limbs anomalies (radial ray defects, carpal bones fusion), extraocular motor disturbances, congenital bilateral non-progressive mixed hearing loss. Other less consistent malformations include heart involvement, mild thrombocytopenia and leukocytosis (before age 50), shoulder girdle hypoplasia, imperforate anus, kidney malrotation or rectovaginal fistula. The IVIC syndrome is an allelic disorder of Duane-radial ray syndrome (DRRS) with a similar phenotype.,Function:Probable transcription factor.,similarity:Belongs to the sal C2H2-type zinc-finger protein family.,similarity:Contains 7 C2H2-type zinc fingers.,subunit:Interacts with NANOG.,tissue specificity:Expressed in testis.,

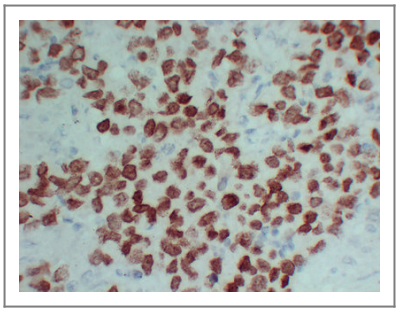
Validation Data



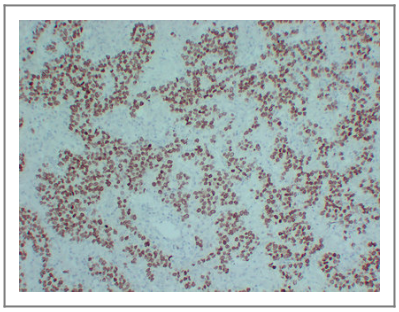
Human seminoma tissue was stained with Anti-SALL4 (ABT-SALL4) Antibody



Immunohistochemical analysis of paraffin-embedded Seminoma. 1, Antibody was diluted at 1:200(4° overnight). 2, TRIS-EDTA of pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Seminoma-high magnification. 1, Antibody was diluted at 1:200(4° overnight). 2, TRIS-EDTA of pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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Contact information

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Please scan the QR code to access additional product information:
SALL4 (ABT-SALL4) Mouse mAb