

SALL4 (ABT-SALL4) mouse mAb

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| Catalog No : | YM6670 |
| Reactivity : | Human; |
| Applications : | IHC;IF;ELISA |
| Target : | SALL4 |
| Gene Name : | SALL4 ZNF797 |
| Protein Name : | SALL4 |
| Human Gene Id : | 57167 |
| Human Swiss Prot No : | Q9UJQ4 |
| Immunogen : | Synthesized peptide derived from human SALL4 AA range: 750-850 |
| Specificity : | This antibody detects endogenous levels of SALL4 protein. |
| Formulation : | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |
| Source : | Mouse, Monoclonal/IgG2b, kappa |
| Dilution : | IHC 1:50-200. IF 1:50-200. ELISA 1:500-5000 |
| Purification : | The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen. |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Molecularweight : | 113kD |
| Observed Band : | 130kD |
| Background : | This gene encodes a zinc finger transcription factor thought to play a role in the development of abducens motor neurons. Defects in this gene are a cause of Duane-radial ray syndrome (DRRS). Alternative splicing results in multiple |

[transcript variants encoding different isoforms. \[provided by RefSeq, Dec 2015\],](#)

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 sa

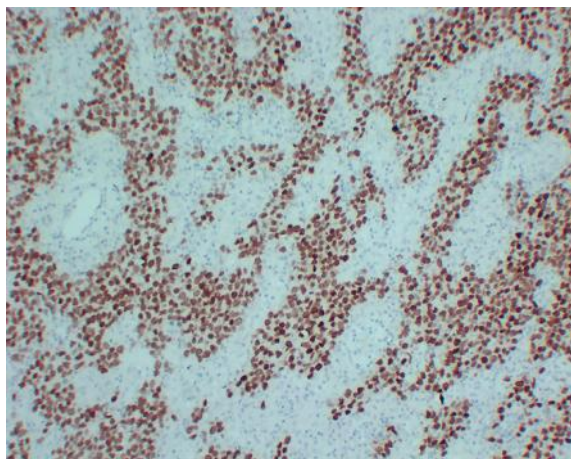
Subcellular Location :

Nuclear

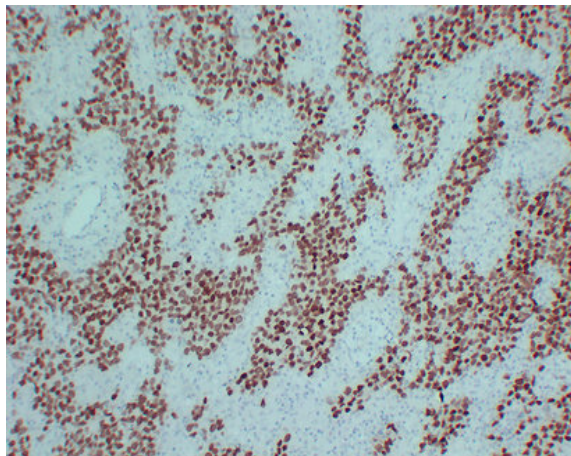
Expression :

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

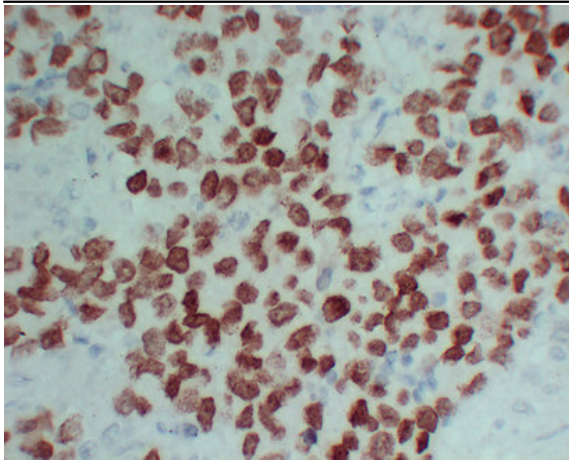
Products Images



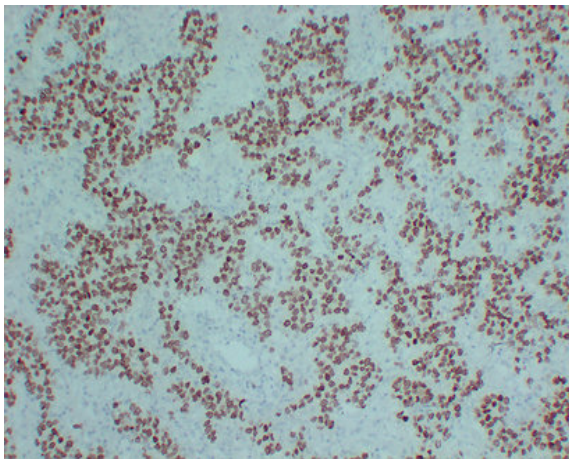
Human seminoma tissue was stained with Anti-SALL4 (ABT-SALL4) Antibody



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).



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).