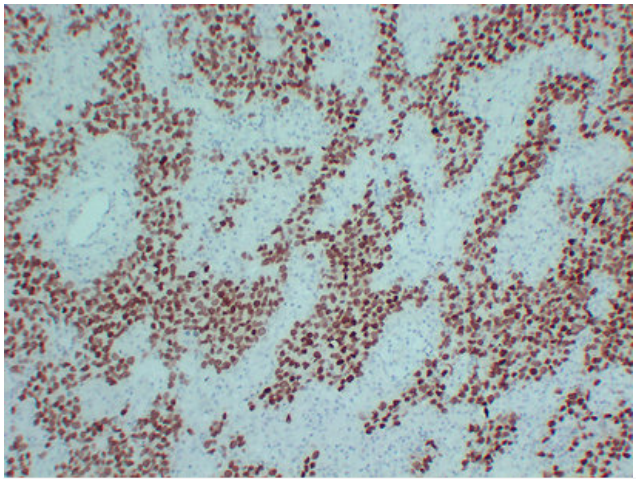
SALL4 (ABT-SALL4) mouse mAb

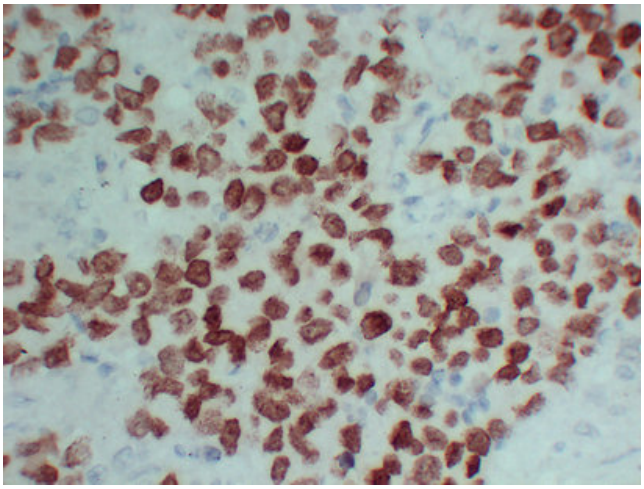
Catalog No	YP-Ab-15437
Isotype	IgG
Reactivity	Human
Applications	IHC;IF
Gene Name	SALL4 ZNF797
Protein Name	SALL4
Immunogen	Synthesized peptide derived from human SALL4
Specificity	This antibody detects endogenous levels of human SALL4. Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin section
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Mouse, Monoclonal/IgG2b, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:100-500，WB 1:500-2000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm. Nucleus.
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 sa
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

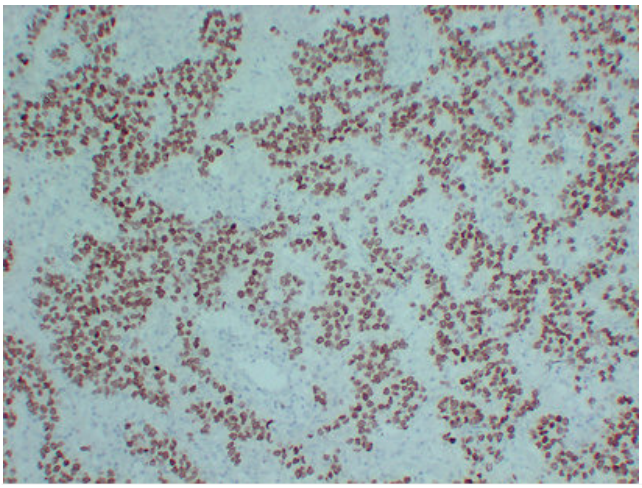
Products Images



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).

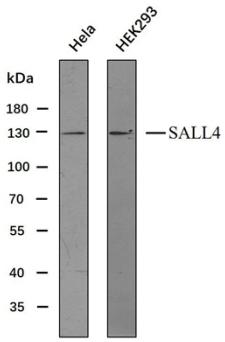


Immunohistochemical analysis of paraffin-embedded Seminoma-high magnification. 1, Antibody was diluted at 1:200(4° overnight). 2, TRIS-EDTA of pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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).

Western blot analysis of SALL4 Antibody at 1:1000 dilution.



Various whole cell lysates(30ug) were separated by 8% SDS-PAGE, and the membrane was blotted with SALL4. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.

Predicted band size: 113kDa
Observed band size: 130kDa