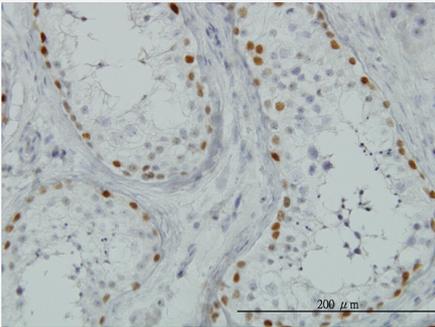


# SALL4 monoclonal antibody (M03), clone 6E3

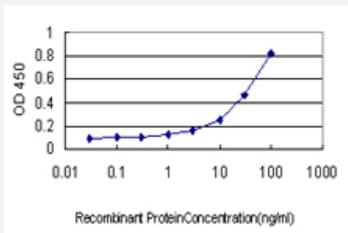
Catalog # H00057167-M03      Size 100 ug

## Applications



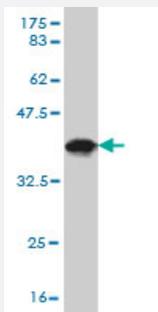
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to SALL4 on formalin-fixed paraffin-embedded human testis. [antibody concentration 0.2 ug/ml]



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SALL4 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant SALL4.

<b>Immunogen</b>	SALL4 (NP_065169, 954 a.a. ~ 1053 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	PKEILAPSVNVDPVVWNQYTSMLNGGLAVKTNEISVIQSGGVPTLPVSLGATSVVNNATVSKMDG SQSGISADVEKPSATDGVPKHQFPHFLEENKIAVS
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse
<b>Interspecies Antigen Sequence</b>	Mouse (71); Rat (71)
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to SALL4 on formalin-fixed paraffin-embedded human testis. [antibody concentration 0.2 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SALL4 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — SALL4

Entrez GeneID

[57167](#)

<b>GeneBank Accession#</b>	<a href="#">NM_020436</a>
<b>Protein Accession#</b>	<a href="#">NP_065169</a>
<b>Gene Name</b>	SALL4
<b>Gene Alias</b>	DRRS, HSAL4, MGC133050, ZNF797, dJ1112F19.1
<b>Gene Description</b>	sal-like 4 (Drosophila)
<b>Omim ID</b>	<a href="#">147750</a> <a href="#">607323</a> <a href="#">607343</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	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]
<b>Other Designations</b>	OTTHUMP00000031296 sal-like 4

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- [Genomic analysis of spermatocytic tumors demonstrates recurrent molecular alterations in cases with malignant clinical behavior.](#)

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Application: IHC, N/A, N/A

- [Rattus norvegicus Spermatogenesis Colony-Forming Assays.](#)

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Application: IF, Rat, Rat spermatogonial lines

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Application: IHC, Human, Human tumor tissue

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Application: IHC-P, Human, Human stomach

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Satsuki Kishikawa, Takuo Hayashi, Tsuyoshi Saito, Kazuya Takamochi, Keita Sasa, Yoshiyuki Suehara, Fumiyuki Takahashi, Noriko Sasahara, Shinji Kohsaka, Kenji Suzuki, Takashi Yao.

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Application: IHC-P, Human, Human lung adenocarcinoma

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Application: IHC-P, Mouse, Mouse liver tumor, Mouse GS-patchy tumor

- [Atezolizumab with bevacizumab, paclitaxel and carboplatin was effective for patients with SMARCA4-deficient thoracic sarcoma.](#)

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Application: IHC-P, Human, Human thoracic sarcoma

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Application: IHC, Human, Gastric adenocarcinoma

- [A yolk sac tumor of the pancreas and derived xenograft model effectively responded to VIP chemotherapy.](#)

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Application: IHC-P, Human, Human yolk sac tumor of the pancreas

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Application: WB, Human, Hep3B, HepG2 cells
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Application: IF, IP, WB, Human, 293T, Huh7 cells
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Application: IHC, Human, Human renal cell carcinoma
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Application: IHC-P, Human, Human colorectal adenocarcinoma
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Application: IHC, Human, Human large cell neuroendocrine carcinoma
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Application: IHC-P, Mouse, Mouse tumors

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Application: IHC, Human, Human gastric cancer

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Application: IHC-P, Human, Human gastric carcinomas with enteroblastic differentiation, Human hepatoid adenocarcinoma

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Application: IHC-P, Human, Sarcoma

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Application: WB-Ce, Human, Human umbilical cord-derived mesenchymal stem cells

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Application: IHC-P, Human, Human central nervous system (CNS) germ cell tumors

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Application: IHC-P, Human, Human thoracic sarcomas

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Application: IHC, Human, Gastric cancer

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Application: IHC-P, Human, Human esophagus cancer, Human multitumor tissue microarray (TMA)

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Application: IF, Rat, Testis

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Application: IHC-P, Human, Gastric adenocarcinoma

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Application: IHC-P, Human, Hepatocellular carcinomas

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Application: IHC-P, Human, Epithelioid sarcomas, Malignant rhabdoid tumors

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Application: IHC-P, Human, Epithelioid sarcomas, Malignant rhabdoid tumors

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Application: IHC, Human, Hepatoid Adenocarcinoma

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Application: IHC, Human, Human non-small cell lung carcinomas

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Application: WB, IHC, Human, HCC (IHC), HCC cell lines (WB)

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Application: IHC, Human, Human seminoma

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Application: IHC, Human, Human fetal livers

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Application: IHC-P, Human, Cystic fluid of the anterior mediastinal tumor

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Application: IHC, Human, Ovarian tumor

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Application: IHC-P, Human, Epithelial Wilms' tumors

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Application: IHC, Human, Kidney

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Application: IHC, Human, Germ cell tumors, Renal cell carcinoma, Chordomas

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Application: IHC-P, Human, Mouse, Human endometrial tissues, Mouse heart, Mouse testis,

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Application: IF, Human, Human embryonic stem cells, Human oocytes

## Disease

- [Cleft Lip](#)
- [Cleft Palate](#)

- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)