

Product datasheet for **UM800189CF**

SALL4 Mouse Monoclonal Antibody [Clone ID: UMAB307]

Product data:

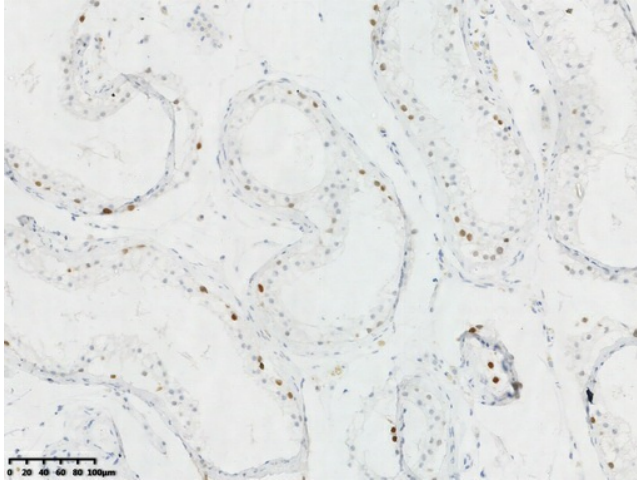
Product Type:	Primary Antibodies
Clone Name:	UMAB307
Applications:	IHC
Recommended Dilution:	IHC 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment of human SALL4 (NP_065169) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Concentration:	1mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Predicted Protein Size:	112.2 kDa
Gene Name:	spalt like transcription factor 4
Database Link:	NP_065169 Entrez Gene 57167 Human Q9UJQ4
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]
Synonyms:	DRRS; HSAL4; IVIC; ZNF797



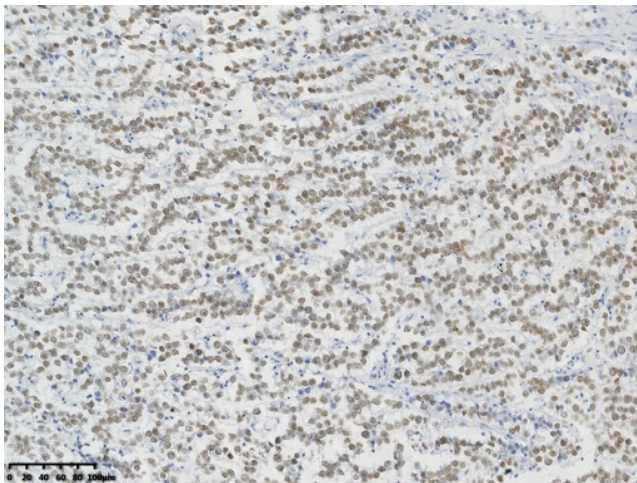
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Protein Families: ES Cell Differentiation/IPS, Stem cell - Pluripotency

Product images:



IHC staining of FFPE human testis tissue with in the normal limits using anti-SALL4 mouse monoclonal antibody ([UM800189]) and Polink-2 HRP polymer detection kit ([D22-110]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 ([B04C-100]) at 120°C for 3 min. The brown stain indicates positive stain, blue is the counter stain.



IHC staining of FFPE human seminoma tissue using anti-SALL4 mouse monoclonal antibody ([UM800189]) and Polink-2 HRP polymer detection kit ([D22-110]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 ([B04C-100]) at 120°C for 3 min. The brown stain indicates positive stain, blue is the counter stain.