

SALL4 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50227

Clone# BP6204

Predicted Molecular Wt: 112kDa

Species Cross-reactivity: Human

Applications: IHC-P

Purity: ProA affinity purified IgG

Form: Liquid

Swissprot ID: Q9UJQ4

Background:

Members of the SALL gene family encode putative zinc finger transcription factors highly expressed during development. Sal-like protein 4 (SALL4) serves as a master regulator of embryonic pluripotency and is involved in processes associated with stem cell activities.

SALL4 is expressed very early in development with other pluripotency regulators, such as Oct-4 and Nanog. SALL4 expression in germ cells makes it a useful marker for germ cell tumors such as seminoma, embryonal carcinoma, yolk sac tumors and teratomas. SALL4 expression is also seen in the spermatogonia of normal testis.

Subcellular location:

Nuclear

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide within Human SALL4.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

-25°C to -18°C

Storage instructions:

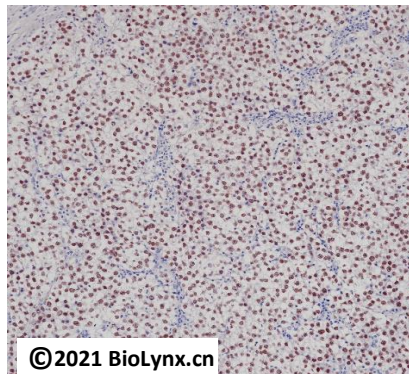
Shipped on blue ice. Upon delivery, aliquot, and store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100-1:200

Background References:

1. Reimer M et al. BMC Dev Biol 19:16 (2019).
2. Tahara N et al. Development 146:N/A (2019).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human seminoma tissue labelling SALL4 with BP6204. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0

Product QC'd by:



For research use only. Not for use in diagnostic or therapeutic applications.