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44-1054: Anti-Nanog Monoclonal Antibody (Clone:IHC634)

Clonality :	Monoclonal
Clone Name :	IHC634
Application :	IHC
Reactivity :	Human
Gene :	NANOG
Gene ID :	79923
Uniprot ID :	Q9H9S0
Format :	Purified
Alternative Name :	NANOG
Isotype :	Mouse IgG1
Immunogen Information :	Recombinant Human Nanog

Description

Nanog is a homeoprotein that functions with pluripotent factors such as Oct4 and Sox2 to maintain embryonic stem cell pluripotency. Expression of this protein has been noted in seminoma, dysgerminoma, embryonal carcinoma, and other undifferentiated germ cell tumors, while nanog expression is absent in normal adult organ tissues. Anti-Nanog may be useful in distinguishing between undifferentiated germ cell tumors and non-germ cell tumors.

Product Info

Amount :	0.1 ml / 0.5 ml
Purification :	Protein A/G Chromatography
Content :	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Storage condition :	Store at 2°C - 8°C. Do not freeze.

Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

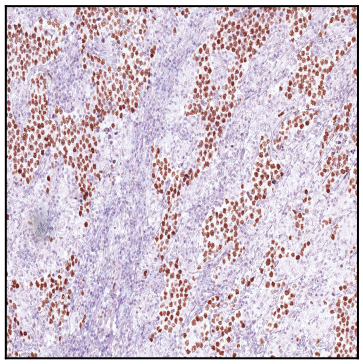


Figure 1: Immunohistochemical analysis of Nanog (Clone: IHC634) on Testicular Cancer

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