

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

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

<b>Amount :</b>	0.1 ml / 0.5 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Content :</b>	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
<b>Storage condition :</b>	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.

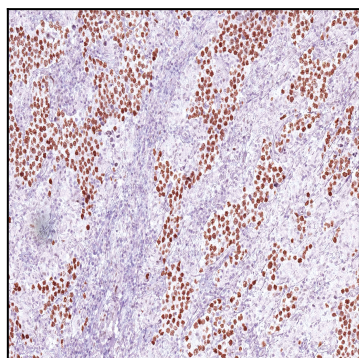


Figure 1: Immunohistochemical analysis of Nanog (Clone: IHC634) on Testicular Cancer