

#### 44-1179: Anti-SOX-2 Monoclonal Antibody (Clone:IHC665)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC665
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	SOX2
<b>Gene ID :</b>	6657
<b>Uniprot ID :</b>	P48431
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Transcription factor SOX-2, SOX2

#### Description

SOX 2, also known as SRY (sex determining region Y)-box 2, is a transcription factor that acts to regulate pluripotency of undifferentiated embryonic stem cells, and to regulate gene expression in the stomach. This diagnostic grade SOX 2 IVD antibody is used to detect melanoma, testicular germ cell tumor, cervical carcinoma, lung cancer, breast cancer with basal cell phenotype, and teratoma of the central nervous system. SOX 2 has been reported as a predictor of poor outcome in stage I lung adenocarcinomas. Anti-SOX 2 is also used to recognize squamous cell carcinomas of the lung and gastrointestinal tract, and may be useful for detecting embryonal carcinoma.

#### Product Info

<b>Amount :</b>	0.1 ml / 1 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Storage condition :</b>	Store at 2°C - 8°C.

#### Application Note

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

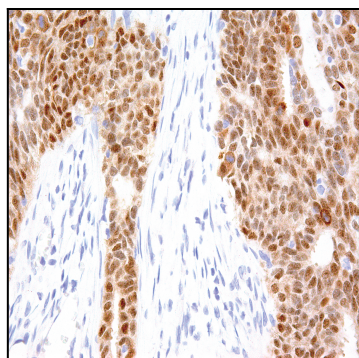


Figure 1: Immunohistochemical analysis of SOX 2 (IHC665) on Cervix