

## 44-1080: Anti-SOX-10 Monoclonal Antibody (Clone:IHC010)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC010
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	SOX10
<b>Gene ID :</b>	6663
<b>Uniprot ID :</b>	P56693
<b>Format :</b>	Purified
<b>Alternative Name :</b>	SOX10
<b>Immunogen Information :</b>	Recombinant Human SOX-10

### Description

SRY (Sex Determining Region Y)-Box 10 (SOX-10), also known as transcription factor SOX-10, is a nuclear transcription factor that acts in regulation of embryonic development and in the specification and differentiation of cells of melanocytic lineage. SOX-10 is diffusely expressed in neurofibromas and schwannomas, and mutations in the SOX-10 gene are linked to Waardenburg-Shah and Waardenburg-Hirschsprung disease. Anti-SOX-10 has been shown to be sensitive for conventional, spindled, and desmoplastic melanoma, and has been used to detect metastatic melanoma and nodal capsular nevus in sentinel lymph nodes.

### 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.

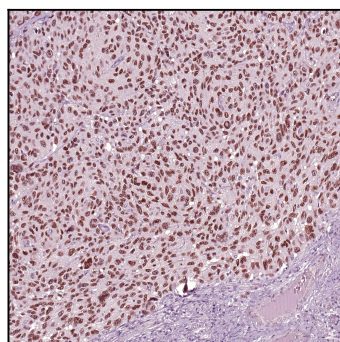


Figure 1: Immunohistochemical analysis of SOX-10 (Clone: IHC010) on Melanoma