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

Clonality: Monoclonal **Clone Name:** IHC010 IHC Application: Reactivity: Human Gene: SOX10 Gene ID: 6663 **Uniprot ID:** P56693 **Purified** Format: **Alternative Name:** SOX10

Immunogen Information: 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**

**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.

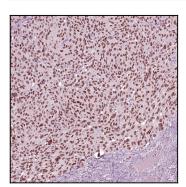


Figure 1: Immunohistochemical analysis of SOX-10 (Clone: IHC010) on Melanoma