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

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

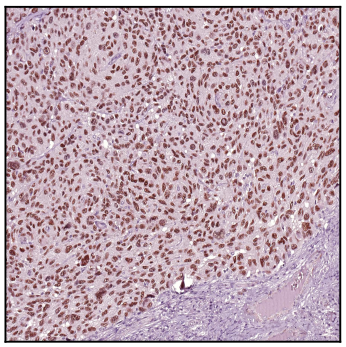


Figure 1: Immunohistochemical analysis of SOX-10 (Clone: IHC010) on Melanoma

For Research Use Only. Not for use in diagnostic/therapeutics procedures.