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# 44-1082: Anti-SOX-10 Monoclonal Antibody (Clone:IHC010)-Ready to Use

| | |
|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | IHC010 |
| **Application :** | IHC |
| **Reactivity :** | Human |
| **Gene :** | SOX10 |
| **Gene ID :** | 6663 |
| **Uniprot ID :** | P56693 |
| **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

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| **Amount :** | 7 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

This product is available in ready to use format, hence no dilution is required.

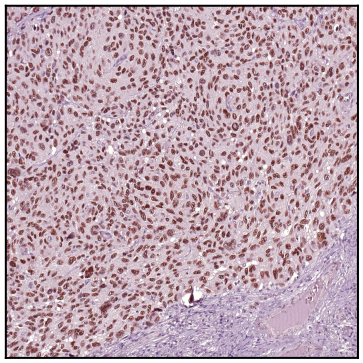


Figure 1: Immunohistochemical analysis of SOX-10 (Clone: IHC010) on Melanoma

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