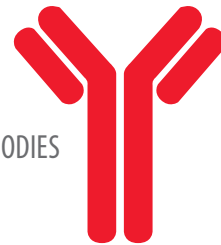


# SOX-10 Antibody

IHC PRIMARY ANTIBODIES

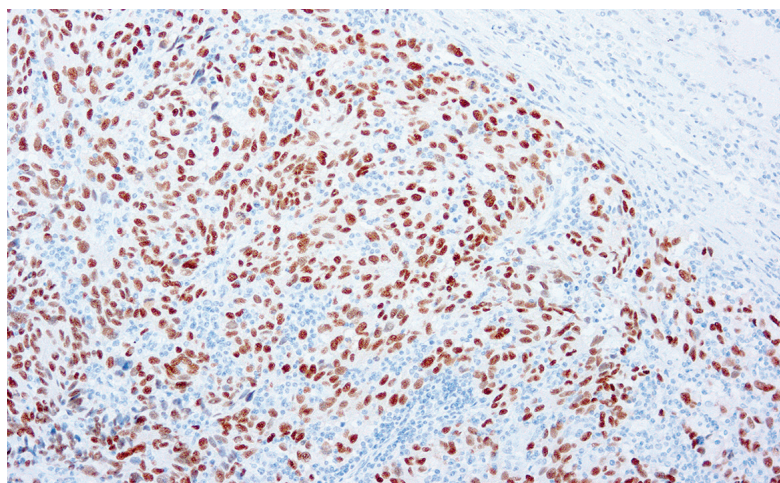


SOX-10 has been shown to be expressed in 97-100% of desmoplastic and spindle cell melanomas and has also been shown to be expressed in 100% of nevi. Spindle cell and desmoplastic melanomas are rare variants of invasive cutaneous melanoma, with an annual incidence rate of approximately 2 per 100,000.

SOX-10, a member of the sex-determining region Y-related HMG-box family, is a transcription factor that is expressed in pre-migratory and migrating neural crest cells. Following migration it remains expressed in cells destined for glial, schwannian, and melanocytic differentiation. SOX-10 is widely expressed in normal human tissues including melanocytes and breast tissue.

## Why SOX-10?

- SOX-10 is an important marker in malignant tumors such as melanoma and breast carcinomas of basal-like and triple negative type, gliomas, and benign tumors such as schwannomas.
- The majority of oligodendrogliomas and a large percentage of astrocytomas and poorly differentiated glioblastomas have also been shown to express SOX-10.



*Formalin fixed paraffin embedded melanoma stained with SOX-10 antibody.*

## Diagnostic BioSystems SOX-10

Antibody Type: Rabbit Monoclonal

Regulatory Status: IVD

Clone: EP268

Cellular Localization: Nuclear

Format: Prediluted & Concentrated

## Ordering Information

Product Description	Prediluted	Concentrated
SOX-10 antibody	RMPD 077 RMPD077-10RM	RMAB 077

## SOX-10 References:


1. Nonaka D, et al.: Am J Surg Pathol 2008, 32: 1291-1298
2. Mohamed A, et al.: Appl Immunohistochem Mol Morphol 2012
3. Cimino-Mathews A, et al.: Hum Pathol 2013, 44:959-965
4. Ivanov SV, et al.: Br J Cancer 2013, 109:444-451



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