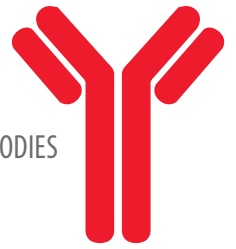


SOX-10 Antibody

IHC PRIMARY ANTIBODIES

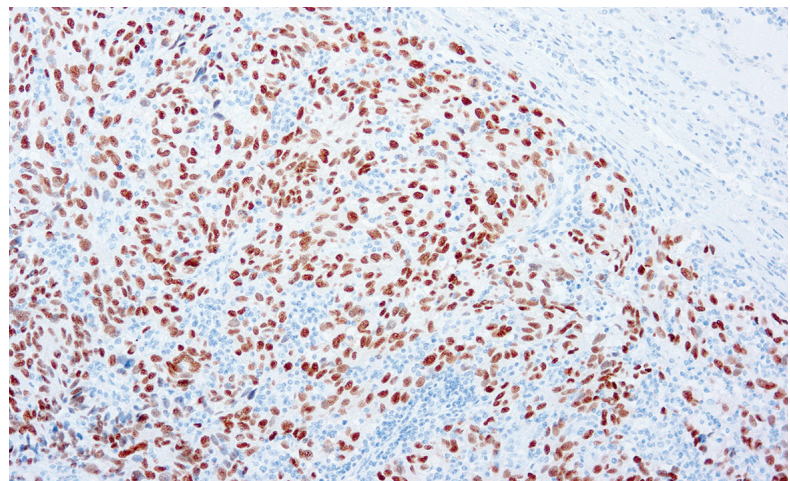


SOX-10, a member of the sex-determining region Y-related HMG-box family, is a transcription factor that is expressed in pre-migratory and migrating neural crest cells. Following migration it remains expressed in cells destined for glial, schwannian, and melanocytic differentiation. SOX-10 is widely expressed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

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.



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



**Diagnostic
BioSystems**

United States (Headquarters)

6616 Owens Drive, Pleasanton, CA 94588, USA
Toll Free: (888) 896-3350, customersupport@dbiosys.com



Contact your distributor
for more information
and visit us at www.dbiosys.com

Europe

Germany
Lake Constance
Cell: +49 7557 929 3915
wolfgang.vogel@dbiosys.com

Mexico

Avenida Aztecas # 95, Casa 4
Colonia Pueblo de los Reyes
Alcaldia Coyoacan
CDMX, C.P. 04330
Cell: +525535709693
a.herrera@dbiosys.com

India

612, Eden Square
St. John's Road
Secunderabad – 500003
Cell: +91 9958293222
anandam@dbiosys.com

Canada

32 Lemsford Drive
Markham, ON L3S 4H4
Cell: +1 416 219 2035
hosna.mujadidi@dbiosys.com