SOX-10 (SP267)
Rabbit Monoclonal Primary Antibody

SOX-10 (SP267) is a ready-to-use IHC antibody that enables you to evaluate the expression of SOX-10 protein with clinical confidence.
Melanoma stained positive with the SOX-10 (SP267) assay using OptiView DAB IHC detection

SOX-10 (SP267) Antibody
SOX-10 (SP267) is a sensitive and specific antibody for the detection of SOX-10 protein. Publications demonstrate that the reliable detection of SOX-10 may have utility in a number of clinical applications in melanoma and other disease.

- Melanoma: There is a high frequency of SOX-10 expression in malignant melanocytic lesions with greater than 90% sensitivity and specificity.1, 2
- Metastatic Melanoma: SOX-10 has been demonstrated to be more specific and sensitive, easier to read and have better staining intensity than other traditional melanoma markers when detecting metastatic melanoma in sentinel lymph nodes.3
- Desmoplastic Melanoma: SOX-10 is highly expressed in desmoplastic melanomas. Other melanoma markers like HMB-45, MiTF and Melan-A are often negative in desmoplastic melanoma. S100, although usually positive in desmoplastic melanoma, also shows positive expression in some scar tissue. Given the frequency at which desmoplastic melanoma is mistaken for malignant histologic mimics (eg. poorly differentiated squamous cell carcinoma, atypical fibroxanthoma, or sarcoma) or even benign lesions (cutaneous scars), SOX-10 can serve as a reliable marker to help avoid these diagnostic pitfalls.4-9
- Malignant Peripheral Nerve Sheath Tumors (MPNST): These tumors are typically diagnosed based on a number of criteria including Schwann cell differentiation. SOX-10 has demonstrated greater sensitivity compared to S100 when detecting Schwann cell differentiation and may serve as an excellent marker for this purpose.10-11

“We confirm that SOX-10 is a highly sensitive and specific marker of melanoma in both primary and metastatic lesions.”2
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References

1. SOX-10 (SP267) Package Insert.