



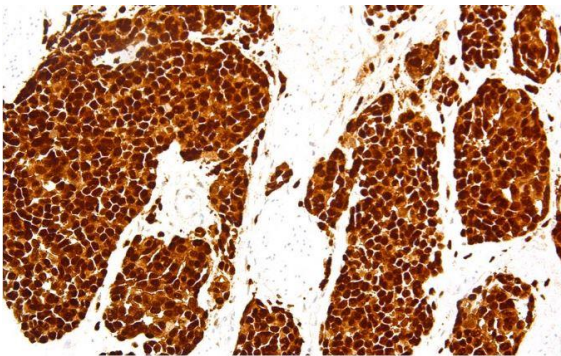
Catalog Number:	MO47006	Host:	Mouse
Product Type:	Mouse Monoclonal IgG	Species Reactivity:	Human
Immunogen Sequence:	Recombinant Human SOX-10	Format:	Liquid with PBS buffer, pH 7.4 with 0.02% Sodium Azide

Applications:
Immunohistochemistry: 1:1,000-2,000
Western Blot: 1:1,000-2,000

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: The product can be stored undiluted for several weeks at 4°C. Dilute only immediately before use. Aliquot and store at -20°C long term. Avoid freeze thaw-cycles.

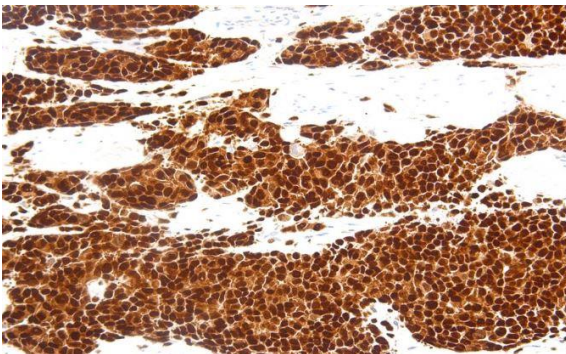
Application Notes



Description/Data:

SOX-10 is a nuclear transcription factor that is involved in the regulation of embryonic development and differentiation of cells of melanocytic lineage. Neurofibromas and schwannomas are found to express SOX-10. MO47006 is targeted towards conventional, spindled and desmoplastic melanoma and has been found to detect metastatic melanoma and nodal capsular nevus in sentinel lymph nodes.

*Images: **Top:** Immunohistochemistry staining of MO47006 on human melanoma tissue. **Bottom:** Immunohistochemistry staining of MO47006 on human rectum tissue.*



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