

SOX-10 Monoclonal Antibody

ORDERING INFORMATION

Catalog No.	Clone No.	Size
34071	G010.1	100ul

Format: Purified antibody in Tris buffer, pH 7.3-7.7, 1% BSA, <0.1% sodium azide.

BACKGROUND

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 neurobromas and schwannomas, and mutations in the SOX-10 gene are linked to Waardenburg-Shah and Waardenburg-Hirschsprung disease.

DESCRIPTION

Antigen: Recombinant human SOX-10.

Accession No.: P56693

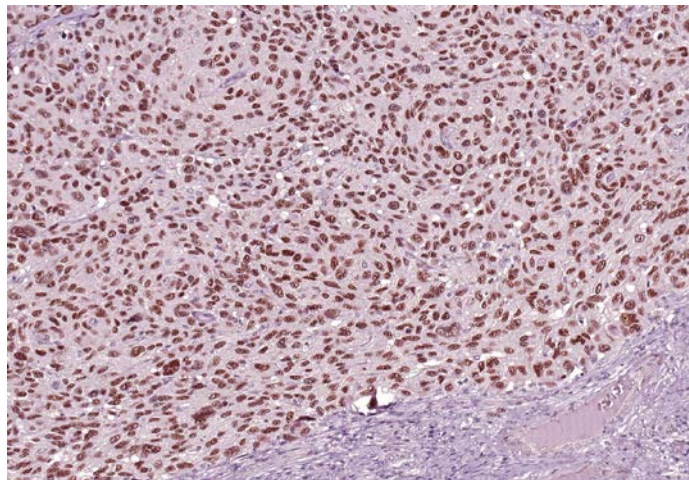
Host: Mouse

Antibody Subtype: IgG2b

Specificity: Human SOX-10. Reactivity with other species has not been investigated.

APPLICATIONS

Immunohistochemistry: use at a dilution of 1:100-1:200 on formalin-fixed, paraffin-embedded samples after heat-induced epitope retrieval at pH 9 for 10-30 minutes.



Detection of SOX-10 in human melanoma with #34071 diluted 1:100-1:200.

STORAGE AND STABILITY

Store at 2-8°C. Do not freeze.

For in vitro investigational use only. Not for use in diagnostic or therapeutic applications.