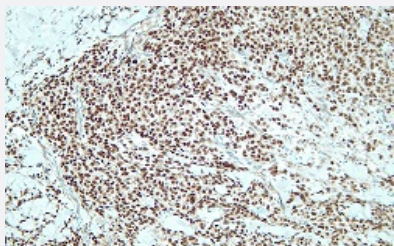


SOX10 monoclonal antibody, clone I25-T

Catalog # MAB23313 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human melanoma with SOX10 monoclonal antibody, clone I25-T (Cat # MAB23313).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human SOX10.
Immunogen	A synthetic peptide corresponding to amino acids 440-463 at C-terminus of human SOX10.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	immunoaffinity purification
Recommend Usage	Immunohistochemistry (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (20 mg/mL BSA, 0.05% Sodium Azide).
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human melanoma with SOX10 monoclonal antibody, clone I25-T (Cat # MAB23313).

Gene Info — SOX10

Entrez GeneID [6663](#)

Protein Accession# [P56693](#)

Gene Name SOX10

Gene Alias DOM, MGC15649, WS2E, WS4

Gene Description SRY (sex determining region Y)-box 10

Omim ID [277580](#) [601706](#) [602229](#) [609136](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. This protein acts as a nucleocytoplasmic shuttle protein and is important for neural crest and peripheral nervous system development. Mutations in this gene are associated with Waardenburg-Shah and Waardenburg-Hirschsprung disease. [provided by RefSeq]

Other Designations OTTHUMP00000028515|OTTHUMP00000195094|SRY-related HMG-box gene 10|dominant megaloblastic anemia, mouse, human homolog of

Disease

- [Genetic Predisposition to Disease](#)
- [Hirschsprung Disease](#)
- [Kidney Failure](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Neoplasm Metastasis](#)

- [Schizophrenia](#)
- [Skin Neoplasms](#)