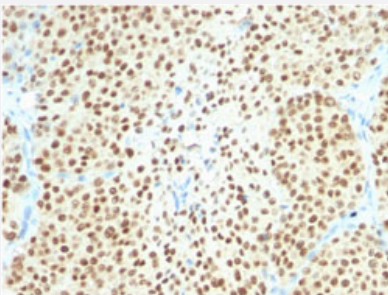


RecomAb™

SOX10 recombinant monoclonal antibody, clone SOX10/2311R

Catalog # RAB00630 Size 100 ug

Applications



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

Immunohistochemical staining of human melanoma.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against partial human SOX10.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to amino acids 115-269 of human SOX10.
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS
Storage Instruction	Store at -20 to -80°C.

Applications

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

Immunohistochemical staining of human melanoma.

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](#)