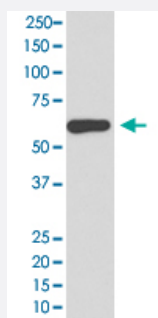


SOX10 monoclonal antibody, clone GIB-19

Catalog # MAB20733 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of A375 cell lysate with SOX10 monoclonal antibody, clone GIB-19 (Cat # MAB20733).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human SOX10.

Immunogen A synthetic peptide corresponding to human SOX10.

Host Rabbit

Theoretical MW (kDa) 49.911

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage
Immunocytochemistry (1:50-1:200)
Immunofluorescence (1:50-1:200)
Western Blot (1:1000-1:2000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of A375 cell lysate with SOX10 monoclonal antibody, clone GIB-19 (Cat # MAB20733).

- Immunocytochemistry

- Immunofluorescence

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](#)