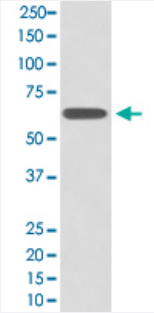
SOX10 monoclonal antibody, clone GIE-19

Catalog # MAB20734 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of A375 cell lysate with SOX10 monoclonal antibody, clone GIE-19 (Cat # MAB20734).

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	Immunohistochemistry (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 st ored 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Immunohistochemistry

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 i nvolved in the regulation of embryonic development and in the determination of the cell fate. The e ncoded protein may act as a transcriptional activator after forming a protein complex with other pr oteins. This protein acts as a nucleocytoplasmic shuttle protein and is important for neural crest a nd peripheral nervous system development. Mutations in this gene are associated with Waardenb urg-Shah and Waardenburg-Hirschsprung disease. [provided by RefSeq
Other Designations	OTTHUMP00000028515|OTTHUMP00000195094|SRY-related HMG-box gene 10|dominant me gacolon, mouse, human homolog of

Disease

- Genetic Predisposition to Disease

- Hirschsprung Disease
- Kidney Failure
- Malignant melanoma
- Melanoma
- Neoplasm Metastasis
- Schizophrenia
- Skin Neoplasms