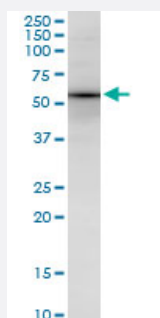


# SOX18 monoclonal antibody (M05), clone 1C4

Catalog # H00054345-M05

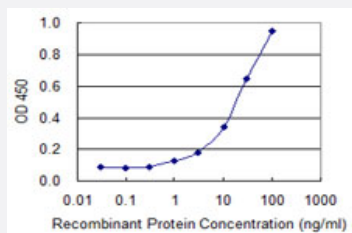
Size 100 ug

## Applications



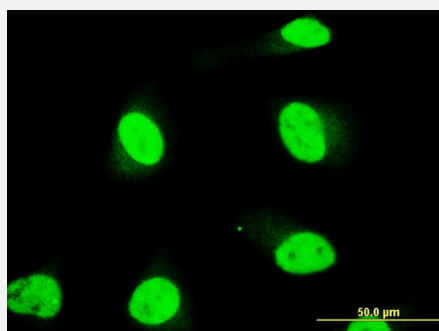
### Western Blot (Tissue lysate)

SOX18 monoclonal antibody (M05), clone 1C4. Western Blot analysis of SOX18 expression in human kidney.



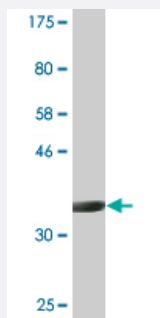
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SOX18 is 0.3 ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to SOX18 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (35.42 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant SOX18.
<b>Immunogen</b>	SOX18 (NP_060889, 63 a.a. ~ 150 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	EPGRYGLSPAGRGERQAADESRIRPMNAFMVWAKDERKRLAQQNPD LHNAVLSKMLGKAWK ELNAAEKRPFVEEAERLRVQHLRDHP
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (86); Rat (86)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.42 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Tissue lysate)

SOX18 monoclonal antibody (M05), clone 1C4. Western Blot analysis of SOX18 expression in human kidney.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SOX18 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to SOX18 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — SOX18

Entrez GeneID [54345](#)

GeneBank Accession# [NM\\_018419](#)

Protein Accession# [NP\\_060889](#)

Gene Name SOX18

Gene Alias HLTS

Gene Description SRY (sex determining region Y)-box 18

Omim ID [601618](#) [607823](#)

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 regulator after forming a protein complex with other proteins. This protein plays a role in hair, blood vessel, and lymphatic vessel development. Mutations in this gene have been associated with recessive and dominant forms of hypotrichosis-lymphedema-telangiectasia. [provided by RefSeq]

**Other Designations** OTTHUMP00000031624|SRY-box 18|Transcription factor SOX-18

## Disease

- [Breast cancer](#)

- [Lymphangiectasis](#)
- [Lymphedema](#)