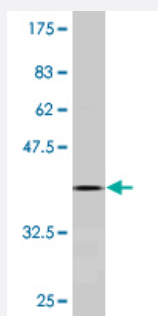


# SOX18 monoclonal antibody (M01A), clone 2G12

Catalog # H00054345-M01A

Size 200 uL

## Applications



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>	EPGRYGLSPAGRGERQAADSRIRRPMPNAFMVWAKDERKRLAQQNPDLHNAVLSKMLGKAWK ELNAAEKRPFVEEAERLRVQHRLRDHP
<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 ascites fluid
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — SOX18

Entrez GeneID	<a href="#">54345</a>
GeneBank Accession#	<a href="#">NM_018419</a>
Protein Accession#	<a href="#">NP_060889</a>
Gene Name	SOX18
Gene Alias	HLTS
Gene Description	SRY (sex determining region Y)-box 18
Omim ID	<a href="#">601618 607823</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)