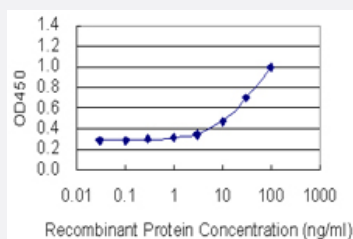


SOX5 monoclonal antibody (M01), clone 4H8

Catalog # H00006660-M01

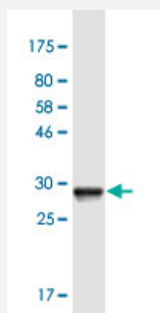
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SOX5 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (31.24 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SOX5.

Immunogen

SOX5 (NP_008871.3, 181 a.a. ~ 230 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

GSGNFGEIKGTPESLAEKERQLMGMINQLTSLREQLLAHDEQKKLAASQ

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (100); Rat (100)

Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (31.24 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SOX5 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SOX5

Entrez GeneID	6660
GeneBank Accession#	NM_006940
Protein Accession#	NP_008871.3
Gene Name	SOX5
Gene Alias	L-SOX5, MGC35153
Gene Description	SRY (sex determining region Y)-box 5
Omim ID	604975
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. The encoded protein may play a role in chondrogenesis. A pseudogene of this gene is located on chromosome 8. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

-

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Atrial Fibrillation](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [HIV Seropositivity](#)
- [Tobacco Use Disorder](#)