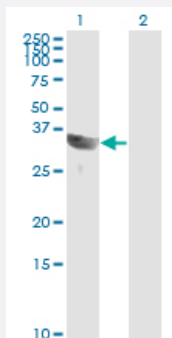


GSC monoclonal antibody (M01), clone 4H7

Catalog # H00145258-M01

Size 100 ug

Applications

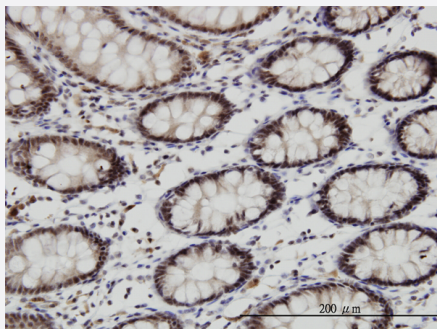


Western Blot (Transfected lysate)

Western Blot analysis of GSC expression in transfected 293T cell line by GSC monoclonal antibody (M01), clone 4H7.

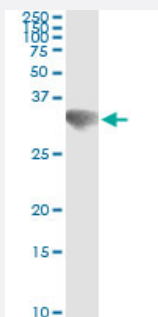
Lane 1: GSC transfected lysate (28.1 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GSC on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

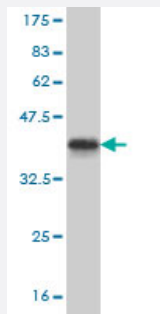
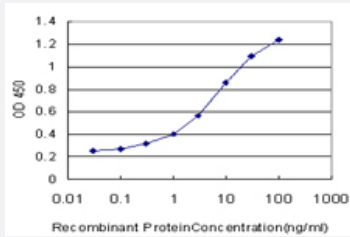


Immunoprecipitation

Immunoprecipitation of GSC transfected lysate using anti-GSC monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GSC MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GSC is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.51 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GSC.
Immunogen	GSC (NP_776248, 151 a.a. ~ 257 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LLNQLHCRRKRRHRTIFTDEQLEALENLFQETKYPDVGTTREQLARKVHLREEKVEVWFKNRRRAK WRRQKRSSSEESSENAEKWNKTSSSKASPEKREEEGKSDLSDS
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.51 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 (Transfected lysate)

Western Blot analysis of GSC expression in transfected 293T cell line by GSC monoclonal antibody (M01), clone 4H7.

Lane 1: GSC transfected lysate(28.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GSC on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of GSC transfected lysate using anti-GSC monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GSC MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GSC is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GSC

Entrez GeneID	145258
GeneBank Accession#	NM_173849
Protein Accession#	NP_776248
Gene Name	GSC
Gene Alias	-
Gene Description	goosecoid homeobox

Omim ID	138890
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the bicoid subfamily of the paired (PRD) homeobox family of proteins. The encoded protein acts as a transcription factor and may be autoregulatory. A similar protein in mice plays a role in craniofacial and rib cage development during embryogenesis. [provided by RefSeq]
Other Designations	goosecoid

Publication Reference

- [Generation of pluripotent stem cells from adult human testis.](#)

Conrad S, Renninger M, Hennenlotter J, Wiesner T, Just L, Bonin M, Aicher W, Buhring HJ, Mattheus U, Mack A, Wagner HJ, Minger S, Matzkies M, Reppel M, Hescheler J, Sievert KD, Stenzl A, Skutella T.

Nature 2008 Oct; 456(7220):344.

Application: WB, Human, Human testicular parenchymas

Disease

- [Congenital Abnormalities](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Hyperglycemia](#)