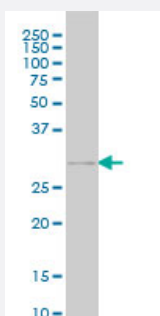


GSC monoclonal antibody (M03), clone 3D11

Catalog # H00145258-M03

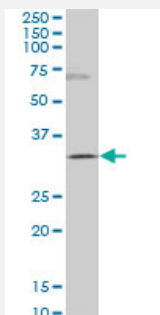
Size 100 ug

Applications



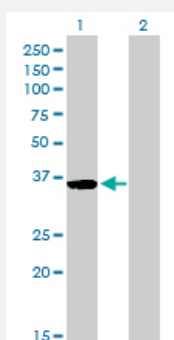
Western Blot (Cell lysate)

GSC monoclonal antibody (M03), clone 3D11 Western Blot analysis of GSC expression in COLO 320 HSR (Cat # L020V1).



Western Blot (Cell lysate)

GSC monoclonal antibody (M03), clone 3D11. Western Blot analysis of GSC expression in SJCRH30 (Cat # L027V1).

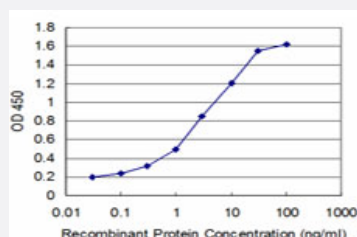


Western Blot (Transfected lysate)

Western Blot analysis of GSC expression in transfected 293T cell line by GSC monoclonal antibody (M03), clone 3D11.

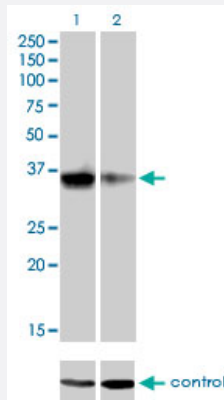
Lane 1: GSC transfected lysate(28.1 KDa).

Lane 2: Non-transfected lysate.



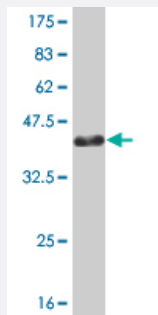
Sandwich ELISA (Recombinant protein)

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



RNAi Knockdown (Antibody validated)

Western blot analysis of GSC over-expressed 293 cell line, cotransfected with GSC Validated Chimera RNAi (Cat # H00145258-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with GSC monoclonal antibody (M03), clone 3D11 (Cat # H00145258-M03). GAPDH (36.1 kDa) used as specificity and loading control.



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	LLNQLHCRRKRRHRTIFTDEQLEALENLFQETKYPDVGRTREQLARKVHLREEKVEVWFKNRRRAK WRRQKRSSSEESNAEKWNKTSSSKASPEKREEEGKSDLSDS
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 (Cell lysate)

GSC monoclonal antibody (M03), clone 3D11 Western Blot analysis of GSC expression in COLO 320 HSR (Cat # L020V1).

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- Western Blot (Cell lysate)

GSC monoclonal antibody (M03), clone 3D11. Western Blot analysis of GSC expression in SJCRH30 (Cat # L027V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GSC expression in transfected 293T cell line by GSC monoclonal antibody (M03), clone 3D11.

Lane 1: GSC transfected lysate(28.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of GSC over-expressed 293 cell line, cotransfected with GSC Validated Chimera RNAi (Cat # H00145258-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with GSC monoclonal antibody (M03), clone 3D11 (Cat # H00145258-M03). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

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

Disease

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