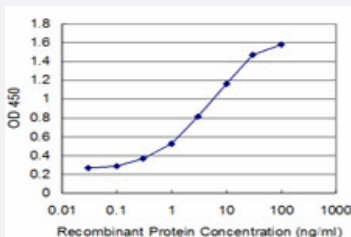


# GSC monoclonal antibody (M11), clone 3C7

Catalog # H00145258-M11

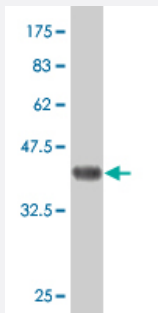
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (37.51 KDa) .

## Specification

|                            |                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against a partial recombinant GSC.                                              |
| <b>Immunogen</b>           | GSC (NP_776248, 151 a.a. ~ 257 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>            | LLNQLHCRRKRRHRTIFTDEQLEALENLFQETKYPDVGTRQLARKVHLREEKVEVWFKNRRRAK<br>WRRQKRSSSEESENA EKWNKTSSSKASPEKREEEGKSDLSDS  |
| <b>Host</b>                | Mouse                                                                                                            |
| <b>Reactivity</b>          | Human                                                                                                            |
| <b>Isotype</b>             | IgG2a Kappa                                                                                                      |

|                         |                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------|
| Quality Control Testing | Antibody Reactive Against Recombinant Protein.<br>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 (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

## Gene Info — GSC

|                     |                                                                                                                                                                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">145258</a>                                                                                                                                                                                                                                                                                       |
| GeneBank Accession# | <a href="#">NM_173849</a>                                                                                                                                                                                                                                                                                    |
| Protein Accession#  | <a href="#">NP_776248</a>                                                                                                                                                                                                                                                                                    |
| Gene Name           | GSC                                                                                                                                                                                                                                                                                                          |
| Gene Alias          | -                                                                                                                                                                                                                                                                                                            |
| Gene Description    | goosecoid homeobox                                                                                                                                                                                                                                                                                           |
| Omim ID             | <a href="#">138890</a>                                                                                                                                                                                                                                                                                       |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                    |
| 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](#)