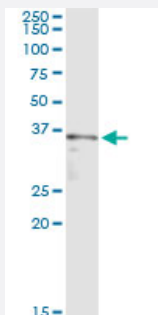


# SGOL1 monoclonal antibody (M02), clone 4G6

Catalog # H00151648-M02

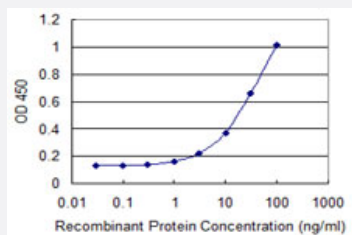
Size 100 ug

## Applications



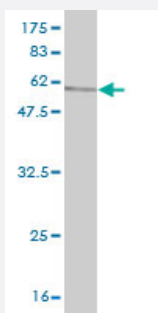
### Immunoprecipitation

Immunoprecipitation of SGOL1 transfected lysate using anti-SGOL1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SGOL1 MaxPab rabbit polyclonal antibody.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SGOL1 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (57.86 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full length recombinant SGOL1.

|                         |                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen               | SGOL1 (AAH17867, 1 a.a. ~ 292 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                                                                                             |
| Sequence                | MAKERCLKKSFQDSLEDIKKRMKEKRNKNLAEIGKRRSFIAAPCQIITNTSTLLKNYQDNNKMLVLA<br>LENEKSKVKEAQDIIQLRKECYLTCQLYALKGKLTQQTVPAQNQEICSSGMDPNSDDSSRNL<br>FVKDLPQIPLEETELPGQGSEFQIEATPPETQQSPHLSLKDITNVSLYPVVKIRRLSLSPKKNKASP<br>AVALPKRRCTASVNYKEPTLASKLRGDPFTDLCFLNSPIFKQKKDLRRSKKRALEVSPAKEAIFIL<br>YYVREFVSRFPDCRKCKLETHICLR |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                           |
| Isotype                 | IgG2a Kappa                                                                                                                                                                                                                                                                                                     |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (57.86 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](#)

- Immunoprecipitation

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[Protocol Download](#)

- ELISA

## Gene Info — SGOL1

Entrez GeneID [151648](#)

GeneBank Accession# [BC017867](#)

|                    |                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Protein Accession# | <a href="#">AAH17867</a>                                                                                                       |
| Gene Name          | SGOL1                                                                                                                          |
| Gene Alias         | NY-BR-85, SGO, Sgo1                                                                                                            |
| Gene Description   | shugoshin-like 1 (S. pombe)                                                                                                    |
| Omim ID            | <a href="#">609168</a>                                                                                                         |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                      |
| Other Designations | shugoshin 1AB protein shugoshin 1CD protein shugoshin 1EF protein shugoshin 1GH protein shugoshin 1KL protein shugoshin-like 1 |

## Disease

- [Tobacco Use Disorder](#)