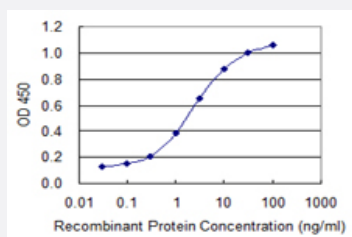


# CLGN monoclonal antibody (M01), clone 3B5

Catalog # H00001047-M01

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant CLGN.

### Immunogen

CLGN (NP\_004353.1, 21 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

FMDDDVETEDFEENSEEIDVNESELSSEIKYKTPQPIGEVYFAETFDSGRLAGWVLSKAKKDDMD  
EEISYDGRWEIEELKENQVPGDRGLVLKSRKHH

### Host

Mouse

### Reactivity

Human

|                               |                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------|
| Interspecies Antigen Sequence | Mouse (80); Rat (80)                                                                                     |
| Isotype                       | IgG2a Kappa                                                                                              |
| Quality Control Testing       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (36.74 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 CLGN is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — CLGN

|                     |                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">1047</a>                                                                                                                                 |
| GeneBank Accession# | <a href="#">NM_004362</a>                                                                                                                            |
| Protein Accession#  | <a href="#">NP_004353.1</a>                                                                                                                          |
| Gene Name           | CLGN                                                                                                                                                 |
| Gene Alias          | -                                                                                                                                                    |
| Gene Description    | calmegin                                                                                                                                             |
| Omim ID             | <a href="#">601858</a>                                                                                                                               |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                            |
| Gene Summary        | Calmegin is a testis-specific endoplasmic reticulum chaperone protein. CLGN may play a role in spermatogenesis and infertility. [provided by RefSeq] |

Other Designations

-

## Disease

- [Tobacco Use Disorder](#)