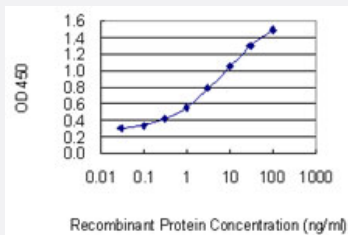


# RGC32 monoclonal antibody (M01), clone 3B9

Catalog # H00028984-M01

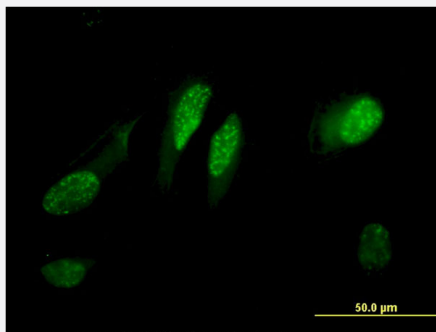
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged C13orf15 is 0.03 ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to C13orf15 on HeLa cell .  
[antibody concentration 10 ug/ml]

## Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant C13orf15.
Immunogen	RGC32 (NP_054778.1, 1 a.a. ~ 117 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKPPAEDLSDALCEFDAVLADFASPFHERHFHYEEHLERMKRRSSASVSDSSGFSDSESADSLYRNSFSFSDEKLNSPTDSTPALLSATVTPQKAKLGDTKELEAFIADLDKTLASM
Host	Mouse
Reactivity	Human

**Interspecies Antigen Sequence**

Mouse (87); Rat (91)

**Isotype**

IgG1 Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.

**Storage Buffer**

In 1x PBS, pH 7.4

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged C13orf15 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to C13orf15 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — C13orf15

**Entrez GeneID**[28984](#)**GeneBank Accession#**[NM\\_014059](#)**Protein Accession#**[NP\\_054778.1](#)**Gene Name**

C13orf15

**Gene Alias**

KIAA0564, MGC87338, RGC-32, RGC32, bA157L14.2

**Gene Description**

chromosome 13 open reading frame 15

**Omim ID**[610077](#)**Gene Ontology**[Hyperlink](#)

**Gene Summary**

This gene is thought to regulate cell cycle progression. It is induced by p53 in response to DNA damage, or by sublytic levels of complement system proteins that result in activation of the cell cycle. The encoded protein localizes to the cytoplasm during interphase and to centrosomes during mitosis. The protein forms a complex with polo-like kinase 1. The protein also translocates to the nucleus in response to treatment with complement system proteins, and can associate with and increase the kinase activity of cell division cycle 2 protein. In different assays and cell types, overexpression of this protein has been shown to activate or suppress cell cycle progression. [provided by RefSeq]

**Other Designations**

OTTHUMP00000018322|response gene to complement 32

**Disease**

- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Retinoblastoma](#)