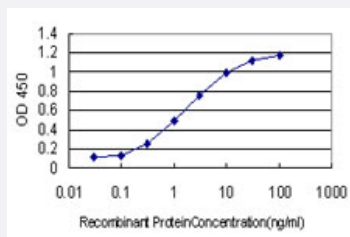


# NUP62 monoclonal antibody (M01), clone 1F12

Catalog # H00023636-M01

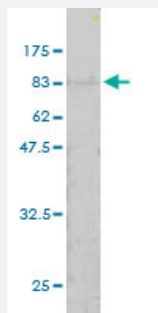
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NUP62 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (82.94 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full length recombinant NUP62.

### Immunogen

NUP62 (AAH50717, 1 a.a. ~ 522 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

MSGFNFGGTGAPTGGFTFGTAKTATTTTPATGFSFSTSGTGGFNFGAPFQPATSTPSTGLFSLATQ  
TPATQTTGFTFGTATLASGGTGFSLGIGASKLNLNNTAATPAMANPSGFLGSSNLNNAISSTVTSS  
QGTAPTGFVFGPSTTSVAPATTSGGFSFTGGSTAQPSGFNIGSAGNSAQPTAPATLPFTPATPAA  
TTAGATQPAAPTPTATITSTGPSLFASIATAPTSSATTGLSLCTPVTTAGAPTAGTQGFSLKAPGAA  
SGTSTTTSTAATATATTTSSSSTTGFAFNLKPLAPAGIPSNTAAAVTAPPGPGAAAGAAASSAMTY  
AQLESLINKWSLELEDQERHFLQATQVNAWDRTLIENGKITSLHREVEKVKLDQKRLDQELDFI  
LSQQKELEDLLSPLEELVKEQSGTYLQHADEEREKTYKLAENIDAQLKRMAQDLKDIEHLNTSGA  
PADTSDPLQQICKILNAHMDSLQWIDQNSALLQRKVEEVTKVCEGRRKEQERSFRITFD

|                               |                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------|
| Host                          | Mouse                                                                                                    |
| Reactivity                    | Human                                                                                                    |
| Interspecies Antigen Sequence | Mouse (79); Rat (79)                                                                                     |
| Isotype                       | IgG1 kappa                                                                                               |
| Quality Control Testing       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (82.94 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 NUP62 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — NUP62

|                     |                                                           |
|---------------------|-----------------------------------------------------------|
| Entrez GeneID       | <a href="#">23636</a>                                     |
| GeneBank Accession# | <a href="#">BC050717</a>                                  |
| Protein Accession#  | <a href="#">AAH50717</a>                                  |
| Gene Name           | NUP62                                                     |
| Gene Alias          | DKFZp547L134, FLJ20822, FLJ43869, IBSN, MGC841, SNDI, p62 |
| Gene Description    | nucleoporin 62kDa                                         |
| Omim ID             | <a href="#">271930</a> <a href="#">605815</a>             |

**Gene Ontology**[Hyperlink](#)**Gene Summary**

The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a member of the FG-repeat containing nucleoporins and is localized to the nuclear pore central plug. This protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals. Multiple transcript variants of this gene encode a single protein isoform. [provided by RefSeq]

**Other Designations**

nuclear pore glycoprotein p62