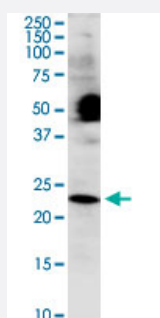


# COX4NB monoclonal antibody (M01), clone 4F4

Catalog # H00010328-M01

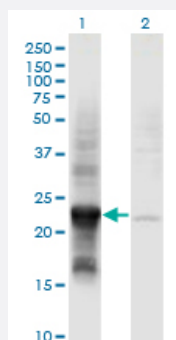
Size 100 ug

## Applications



### Western Blot (Cell lysate)

COX4NB monoclonal antibody (M01), clone 4F4. Western Blot analysis of COX4NB expression in HeLa.

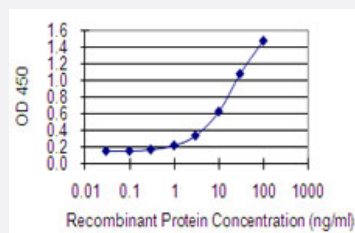


### Western Blot (Transfected lysate)

Western Blot analysis of COX4NB expression in transfected 293T cell line by COX4NB monoclonal antibody (M01), clone 4F4.

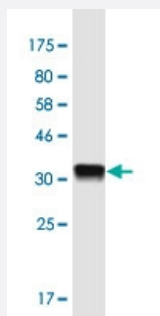
Lane 1: COX4NB transfected lysate (Predicted MW: 23.8 KDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged COX4NB is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

## Specification

|                                      |                                                                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse monoclonal antibody raised against a partial recombinant COX4NB.                                                |
| <b>Immunogen</b>                     | COX4NB (NP_006058.1, 113 a.a. ~ 210 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>                      | SRIAEGFSDTALIMVDNTKFTMDCVAPTIHVYEHHENRWRCRDPHHDYCEDWPEAQRISASLLDS<br>RSYETLVDFDNHLDDIRNDWTNPEINKAVLHLC                |
| <b>Host</b>                          | Mouse                                                                                                                 |
| <b>Reactivity</b>                    | Human                                                                                                                 |
| <b>Interspecies Antigen Sequence</b> | Mouse (91); Rat (92)                                                                                                  |
| <b>Isotype</b>                       | IgG2a Kappa                                                                                                           |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (36.52 KDa) .              |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                                     |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                              |

## Applications

- Western Blot (Cell lysate)

COX4NB monoclonal antibody (M01), clone 4F4. Western Blot analysis of COX4NB expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of COX4NB expression in transfected 293T cell line by COX4NB monoclonal antibody (M01), clone 4F4.

Lane 1: COX4NB transfected lysate (Predicted MW: 23.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged COX4NB is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — COX4NB

|               |                       |
|---------------|-----------------------|
| Entrez GeneID | <a href="#">10328</a> |
|---------------|-----------------------|

|                     |                           |
|---------------------|---------------------------|
| GeneBank Accession# | <a href="#">NM_006067</a> |
|---------------------|---------------------------|

|                    |                             |
|--------------------|-----------------------------|
| Protein Accession# | <a href="#">NP_006058.1</a> |
|--------------------|-----------------------------|

|           |        |
|-----------|--------|
| Gene Name | COX4NB |
|-----------|--------|

|            |                                 |
|------------|---------------------------------|
| Gene Alias | C16orf2, C16orf4, FAM158B, NOC4 |
|------------|---------------------------------|

|                  |               |
|------------------|---------------|
| Gene Description | COX4 neighbor |
|------------------|---------------|

|         |                        |
|---------|------------------------|
| Omim ID | <a href="#">604886</a> |
|---------|------------------------|

|               |                           |
|---------------|---------------------------|
| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

|              |                           |
|--------------|---------------------------|
| Gene Summary | member B neighbor of COX4 |
|--------------|---------------------------|

|                    |                                                                |
|--------------------|----------------------------------------------------------------|
| Other Designations | family with sequence similarity 158, member B neighbor of COX4 |
|--------------------|----------------------------------------------------------------|

## Disease

- [Cerebral Hemorrhage](#)

- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)