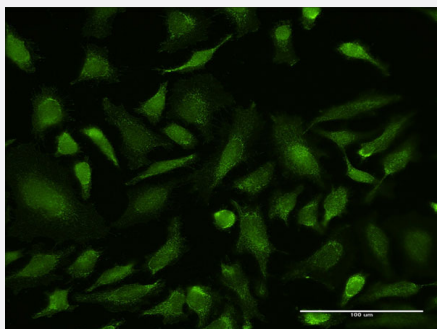


# VDAC1 monoclonal antibody (M17), clone 2E10

Catalog # H00007416-M17

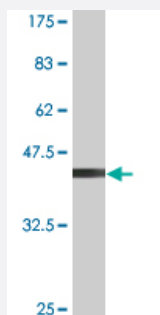
Size 100 ug

## Applications



### Immunofluorescence

Immunofluorescence of monoclonal antibody to VDAC1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (38.94 KDa) .

## Specification

|                            |                                                                                                                               |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against a full-length recombinant VDAC1.                                                     |
| <b>Immunogen</b>           | VDAC1 (AAH08482.1, 156 a.a. ~ 276 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.       |
| <b>Sequence</b>            | NFETAKSRVTQSNFAVGKYKTDEFQLHTNVNDGTEFGGSIYQKVNNKLETAVNLAWTAGNSNTRFG<br>IAAKYQIDPDACFSAKVNNSSLIGLGYTQTLKPGIKLTLALLDGKNVNAGGHKLG |
| <b>Host</b>                | Mouse                                                                                                                         |
| <b>Reactivity</b>          | Human                                                                                                                         |

|                               |                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------|
| Interspecies Antigen Sequence | Mouse (98); Rat (98)                                                                                     |
| Isotype                       | IgG2a Kappa                                                                                              |
| Quality Control Testing       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (38.94 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](#)

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to VDAC1 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — VDAC1

|                     |                                       |
|---------------------|---------------------------------------|
| Entrez GeneID       | <a href="#">7416</a>                  |
| GeneBank Accession# | <a href="#">BC008482</a>              |
| Protein Accession#  | <a href="#">AAH08482.1</a>            |
| Gene Name           | VDAC1                                 |
| Gene Alias          | MGC111064, PORIN, PORIN-31-HL         |
| Gene Description    | voltage-dependent anion channel 1     |
| Omim ID             | <a href="#">604492</a>                |
| Gene Ontology       | <a href="#">Hyperlink</a>             |
| Other Designations  | OTTHUMP00000165946 OTTHUMP00000165947 |

## Pathway

- [Calcium signaling pathway](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)