

## VIM monoclonal antibody (M17), clone 3C5

Catalog # H00007431-M17

Size 100 ug

### Specification

|                                      |  |
|--------------------------------------|--|
| <b>Product Description</b>           | Mouse monoclonal antibody raised against human VIM.                      |
| <b>Immunogen</b>                     | A synthetic peptide corresponding to human VIM                           |
| <b>Sequence</b>                      | RQDV DNASLARLDLERKVES  |
| <b>Host</b>                          | Mouse  |
| <b>Reactivity</b>                    | Human  |
| <b>Interspecies Antigen Sequence</b> | Mouse (100); Rat (100)   |
| <b>Isotype</b>                       | IgG2b Kappa  |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.                           |
| <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

- ELISA

### Gene Info — VIM

|                            |                             |
|----------------------------|-----------------------------|
| <b>Entrez GeneID</b>       | <a href="#">7431</a>        |
| <b>GeneBank Accession#</b> | <a href="#">NM_003380.5</a> |
| <b>Protein Accession#</b>  | <a href="#">NP_003371.2</a> |

|                    |  |
|--------------------|--|
| Gene Name          | VIM  |
| Gene Alias         | FLJ36605   |
| Gene Description   | vimentin   |
| Omim ID            | <a href="#">193060</a>   |
| Gene Ontology      | <a href="#">Hyperlink</a>  |
| Gene Summary       | <p>This gene encodes a member of the intermediate filament family. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract</p> |
| Other Designations | OTTHUMP00000019224   |

## Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)