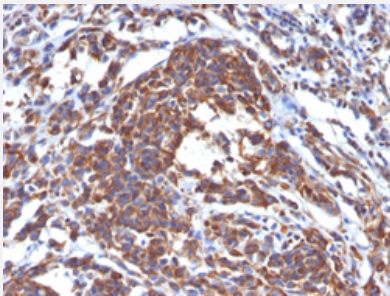


# VIM monoclonal antibody, clone LN-6

Catalog # MAB13452      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human melanoma with VIM monoclonal antibody, clone LN-6 (Cat # MAB13452).

## Specification

|                             |   |
|-----------------------------|---|
| <b>Product Description</b>  | Mouse monoclonal antibody raised against native human VIM.  |
| <b>Immunogen</b>            | Human thymic nuclear extract.   |
| <b>Host</b>                 | Mouse   |
| <b>Theoretical MW (kDa)</b> | 57-60   |
| <b>Reactivity</b>           | Human   |
| <b>Specificity</b>          | This monoclonal antibody reacts with a non-hematopoietic epitope of VIM and shows no cross-reaction with other closely related intermediate filament proteins such as desmin, keratin, neurofilament, and glial fibrillary acid protein.  |
| <b>Form</b>                 | Liquid  |
| <b>Isotype</b>              | IgM, kappa  |
| <b>Recommend Usage</b>      | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.1-0.2 ug/mL for 30 min at RT) (Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes)<br>The optimal working dilution should be determined by the end user. |

|                     |  |
|---------------------|--|
| Storage Buffer      | In 10 mM PBS (0.05% sodium azide).   |
| Storage Instruction | Store at 4°C.  |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human melanoma with VIM monoclonal antibody, clone LN-6 (Cat # MAB13452).

## Gene Info — VIM

Entrez GeneID [7431](#)

Protein Accession# [P08670](#)

Gene Name VIM

Gene Alias FLJ36605

Gene Description vimentin

Omim ID [193060](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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

**Other Designations** OTTHUMP00000019224

## Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)

- [Bulimia](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)