# Product Datasheet

## Vimentin Antibody (VIM/1937R) [Allophycocyanin]
## NBP3-08936APC

Unit Size: 100 ul

Store at 4C in the dark.

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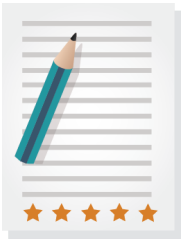

# NBP3-08936APC

Vimentin Antibody (VIM/1937R) [Allophycocyanin]

| Product Information | |
|---|---|
| **Unit Size** | 100 ul |
| **Concentration** | Please see the vial label for concentration. If unlisted please contact technical services. |
| **Storage** | Store at 4C in the dark. |
| **Clonality** | Monoclonal |
| **Clone** | VIM/1937R |
| **Preservative** | 0.05% Sodium Azide |
| **Isotype** | IgG |
| **Conjugate** | Allophycocyanin |
| **Purity** | Protein A or G purified |
| **Buffer** | PBS |

| Product Description | |
|---|---|
| **Host** | Rabbit |
| **Gene ID** | 7431 |
| **Gene Symbol** | VIM |
| **Species** | Human, Rat, Porcine, Bovine, Canine, Chicken, Equine, Feline, Mouse (Negative) |
| **Reactivity Notes** | Does not react with Mouse. |
| **Marker** | Mesenchymal Cell Marker |
| **Specificity/Sensitivity** | This monoclonal antibody reacts with a 58kDa protein identified as Vimentin. It shows no cross-reaction with other closely related intermediate filament proteins (IFP however, when used in panels with other antibodies, it is useful for the sub-classification of a given tumor. Expression of Vimentin, when used in conjunction with anti-keratin, is helpful when distinguishing melanomas from undifferentiated carcinomas and large cell lymphomas. All melanomas and Schwannomas react strongly with anti-Vimentin. It labels a variety of mesenchymal cells, including melanocytes, lymphocytes, endothelial cells, and fibroblasts. Non-reactivity of anti-Vimentin is often considered more useful than its positive reactivity, since there are a few tumors that do not contain Vimentin, e.g. hepatoma and seminoma. Anti-Vimentin is also useful as a tissue process control reagent. |
| **Immunogen** | Recombinant full-length human Vimentin protein (Uniprot: P08670) |

| Product Application Details | |
|---|---|
| **Applications** | Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| **Recommended Dilutions** | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin |
| **Application Notes** | Optimal dilution of this antibody should be experimentally determined. |

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## Products Related to NBP3-08936APC

| | |
|---|---|
| IC1051A | Rabbit IgG Isotype Control (60024B) [Allophycocyanin] |
| NBP2-35139-100ug | Recombinant Human Vimentin Protein |
| 2105-VI-100 | Vimentin [Unconjugated] |
| NB300-141 | GFAP Antibody |

**Limitations**
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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