

Technical Data Sheet

|                  |   |                 |
|------------------|---|-----------------|
| Product          | <b>Anti-Vimentin APC</b>                                    |                 |
| Cat. Number/Size | <b>1A-369-C025</b>  | <b>0.025 mg</b> |
|                  | <b>1A-369-C100</b>  | <b>0.1 mg</b>   |
|                  | <b>For Research Use Only.</b>                               |                 |
|                  | <b>Not for use in diagnostic or therapeutic procedures.</b> |                 |

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|                     |   |
|---------------------|---|
| Antigen             | Vimentin  |
| Clone               | VI-RE/1   |
| Format              | APC   |
| Reactivity          | Human   |
| Negative species    | Mouse, Pig  |
| Application         | FC (QC tested)  |
| Application details | Flow cytometry: Recommended dilution: 1-5 µg/ml. Intracellular staining.  |
| Excitation laser    | red (633 nm)  |
| Isotype             | Mouse IgG1  |
| Specificity         | The antibody VI-RE/1 reacts with human vimentin, a 57 kDa intermediate filament intracellular protein expressed on a wide variety of mesenchymal and mesodermal cell types. |
| Immunogen           | Bacterially expressed full-length human vimentin  |
| Entrez Gene ID      | 7431  |
| Gene name           | VIM   |
| NCBI Full Gene Name | vimentin  |
| UniProt ID          | P08670  |

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|----------------------|---|
| Concentration        | 0.1 mg/ml   |
| Preparation          | Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. |
| Formulation          | Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide   |
| Storage and handling | Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.  |

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Images and References [www.exbio.cz](http://www.exbio.cz)

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