

# Anti-VEGF (Bevacizumab), humanized Antibody

Human Monoclonal Antibody

Catalog # ABV11755

## Product Information

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|-------------------|--------------------------|
| Application       | E                        |
| Primary Accession | <a href="#">AAP86646</a> |
| Reactivity        | Human                    |
| Host              | Human                    |
| Clonality         | Monoclonal               |
| Isotype           | Human IgG1               |

## Additional Information

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Application & Usage      | Neutralization: 0.1-20 $\mu$ g/ml, ELISA: 2 $\mu$ g/ml                                                                        |
| Alias Symbol             | VEGF                                                                                                                          |
| Other Names              | Avastin                                                                                                                       |
| Appearance               | Colourless liquid                                                                                                             |
| Formulation              | 100 $\mu$ g (2mg/ml) of antibody in Phosphate buffered saline, pH 7.4.                                                        |
| Reconstitution & Storage | -20 $^{\circ}$ C                                                                                                              |
| Background Descriptions  |                                                                                                                               |
| Precautions              | Anti-VEGF (Bevacizumab), humanized Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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### Background

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Bevacizumab (Avastin) is a recombinant humanized monoclonal IgG1 antibody. Bevacizumab, targets the cell surface protein called vascular endothelial growth factor (VEGF) results in suppression of tumor growth. VEGF plays an essential role in developmental angiogenesis and is also important for reproductive and bone angiogenesis. Avastin is used to treat various cancers like metastatic colorectal cancer, non-squamous non-small cell lung cancer, metastatic breast cancer, glioblastoma and metastatic renal cell carcinoma.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.