

## Rabbit anti-Human VEGFC Polyclonal Antibody | anti-VEGFC antibody

VEGFC Antibody

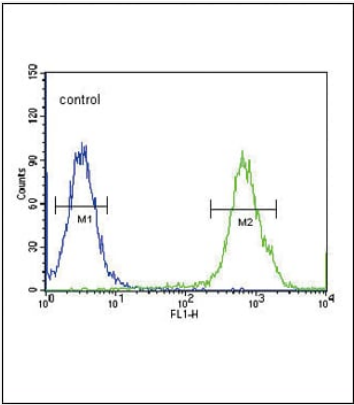
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA287228 | Rabbit | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

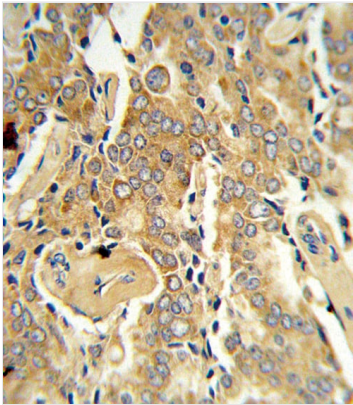
VEGFC; Polyclonal Antibody; VEGFC Antibody; Vascular endothelial growth factor C; VEGF-C; Flt4 ligand; Flt4-L; Vascular endothelial growth factor-related protein; VRP; anti-VEGFC antibody

### PRODUCT SPECIFICATIONS

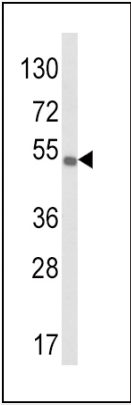
|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This VEGFC antibody is generated from rabbits immunized with VEGFC recombinant protein.                                                                                      |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.35 (varies by lot)                                                                                                                                     |
| Sequence Length                                 | 419                                                                                                                                                                          |
| Applicable Applications for anti-VEGFC antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                              |
| Antigen Type                                    | Recombinant Protein                                                                                                                                                          |
| Crown Antibody                                  | Yes                                                                                                                                                                          |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



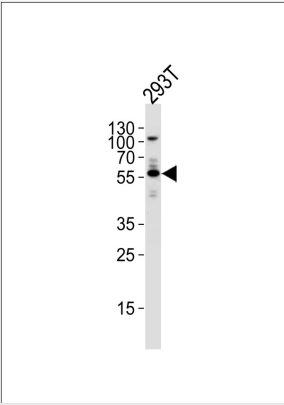
**FCM/FACS (Flow Cytometry)**  
VEGFC Antibody flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**IHC (Immunohistochemistry)**  
Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with VEGFC Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



**WB (Western Blot)**  
Western blot analysis of VEGFC Antibody in 293 cell line lysates (35ug/lane). VEGFC (arrow) was detected using the purified Pab.



**WB (Western Blot)**  
VEGFC Antibody western blot analysis in 293T cell lysate (35ug/lane). This demonstrates that the VEGFC antibody detected VEGFC protein (arrow).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-VEGFC antibody | VEGF3 is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family, is active in angiogenesis and endothelial cell growth, and can also affect the permeability of blood vessels. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-3 receptors. Only the fully processed form can bind and activate VEGFR-2 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor D. |
| Product Categories/Family for anti-VEGFC antibody   | Crown Antibodies; Cancer; Cardiovascular; Developmental Biology; Neuroscience; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| References                                          | Byeon, J.S., et al., J. Gastroenterol. Hepatol. 19(6):648-654 (2004). Su, J.L., et al., Cancer Res. 64(2):554-564 (2004). Yan, C., et al., World J. Gastroenterol. 10(6):783-790 (2004). Hsieh, C.Y., et al., J. Biomed. Sci. 11(2):249-259 (2004). Liu, X.E., et al., World J. Gastroenterol. 10(3):352-355 (2004).                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 4885653     |
| NCBI GeneID               | 7424        |
| NCBI Accession #          | NP_005420.1 |
| NCBI GenBank Nucleotide # | NM_005429.4 |

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| UniProt Accession #              | <a href="#">P49767</a> ; <a href="#">B2R9Q8</a>    |
| Molecular Weight                 | 46883                                              |
| NCBI Official Full Name          | vascular endothelial growth factor C preproprotein |
| NCBI Official Synonym Full Names | vascular endothelial growth factor C               |
| NCBI Official Symbol             | VEGFC                                              |
| NCBI Official Synonym Symbols    | VRP; Flt4-L; LMPH1D                                |
| NCBI Protein Information         | vascular endothelial growth factor C               |
| UniProt Protein Name             | Vascular endothelial growth factor C               |
| UniProt Gene Name                | <b>VEGFC</b>                                       |
| UniProt Synonym Gene Names       | VEGF-C; Flt4-L; VRP                                |
| UniProt Entry Name               | VEGFC_HUMAN                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/vegfc-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287228>