

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human VEGF-C in direct ELISAs and Western blots. In direct ELISAs, this antibody does not cross-react with recombinant human (rh) PDGF-AA, rhPDGF-BB, rhPIGF, rhVEGF <sub>165</sub> , rhVEGF <sub>206</sub> , rhVEGF-B <sub>186</sub> , or rhVEGF-D.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 193208
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human VEGF-C Thr103-Arg227 (Cys156Ser) Accession # Q6FH59
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	1 µg/mL	Recombinant Human VEGF-C (Catalog # 2179-VC)

## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<p><b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b></p> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## BACKGROUND

Vascular Endothelial Growth Factor C (VEGF-C) is a member of the VEGF family of secreted growth factors. The VHD form homodimers after proteolytic removal of the N- and C-terminal pro regions. VEGF-C promotes angiogenesis and lymphangiogenesis through interactions with VEGF R2 and VEGF R3.