

Product datasheet for **AM11019PU-N**

VEGFC Mouse Monoclonal Antibody [Clone ID: 30AT1174.77]

Product data:

Product Type:	Primary Antibodies
Clone Name:	30AT1174.77
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000 Western blotting: 1/100-1/500.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	This monoclonal antibody is generated from mice immunized with three KLH conjugated synthetic peptides selected from the N-terminal, central, and C-terminal regions of human VEGF3.
Specificity:	This antibody is specific to VEGFC.
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	vascular endothelial growth factor C
Database Link:	Entrez Gene 7424 Human P49767



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Background: VEGF-C (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.

Synonyms: VEGFC, VRP, Vascular endothelial growth factor C, Vascular endothelial growth factor-related protein, Flt4 ligand

Product images:

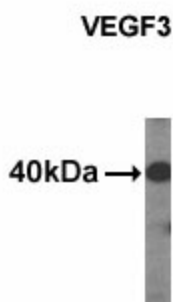


Figure 1. Western analysis of extracts from HDMEC cells using VEGF3 antibody.