

Product datasheet for **AM11020PU-N**

VEGFD Mouse Monoclonal Antibody [Clone ID: 28AT743.288.48]

Product data:

Product Type:	Primary Antibodies
Clone Name:	28AT743.288.48
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 corresponding to N-terminal, central, and C-terminal sequences of human VEGF4.
Specificity:	This antibody is specific to VEGF4.
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:	c-fos induced growth factor
Database Link:	Entrez Gene 2277 Human O43915



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Background:

VEGF4 is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family and is active in angiogenesis, lymphangiogenesis, and endothelial cell growth. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-2 and VEGFR-3 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor C.

Synonyms:

FIGF, VEGF-D, FIGF

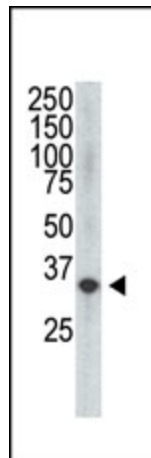
Product images:

Figure 1. Western blot using anti-VEGF4 Mab to detect VEGF4 in HDMEC cell lysate.