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10-6550: Mouse Monoclonal Antibody to VEGFC (Clone: 197CT7.3.4)(Discontinued)

Clonality :	Monoclonal
Clone Name :	197CT7.3.4
Application :	WB
Reactivity :	Rat,Mouse,Human
Gene :	VEGFC
Gene ID :	7424
Uniprot ID :	P49767
Format :	Purified
Alternative Name :	Vascular endothelial growth factor C, VEGF-C, Flt4 ligand, Flt4-L, Vascular endothelial growth factor-related protein, VRP, VEGFC
Isotype :	Mouse IgG1,Kappa
Immunogen Information :	Recombinant Protein

Description

The protein encoded by this gene 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. [provided by RefSeq].

Product Info

Amount :	80 µl / 400 µl
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:1000-2000

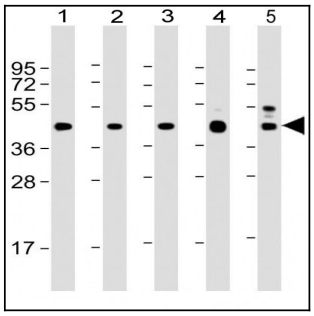

Figure 1: All lanes : Anti-VEGFC antibody (10-6550) at 1:2000 dilution with Lane 1: CCRF-CEM whole cell lysate, Lane 2: 293 whole cell lysate, Lane 3: HepG2 whole cell lysate, Lane 4: mouse heart lysate, Lane 5: rat heart lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa.

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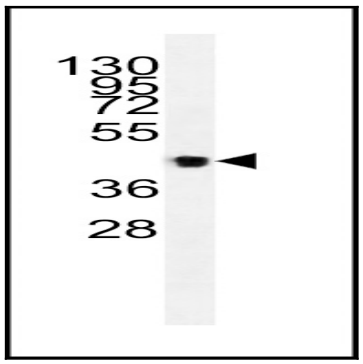

Figure 2: Western blot analysis of lysates from 293, CEM cell line and mouse heart, rat heart tissue lysates (from left to right), using VEGFC Antibody (10-6550). VEGFC Antibody (10-6550) was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L (HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

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