

DATASHEET

VEGFC Mouse Monoclonal Antibody(C3797)

CAT. NO. AMA03409

KEY FEATURES

Target	VEGFC	Source / Host	Mouse	
Reactivity	Human, Mouse, Rat	Clonality	Monoclonal	
Applications	WB	Conjugation	Unconjugated	
Form / Buffer	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.		Storage	at-20°C

BACKGROUND

Growth factor active in angiogenesis, and endothelial cell growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels. May function in angiogenesis of the venous and lymphatic vascular systems during embryogenesis, and also in the maintenance of differentiated lymphatic endothelium in adults. Binds and activates KDR/VEGFR2 and FLT4/VEGFR3 receptors.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

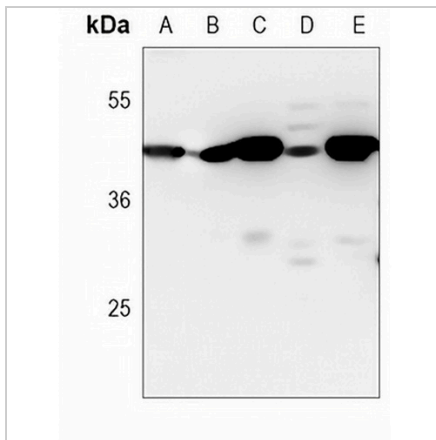
Description	Mouse monoclonal antibody to VEGFC
Specificity	Recognizes endogenous levels of VEGFC protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human VEGFC. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 46 kD; Observed: 47 kD
Form/Buffer	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Alternative Names	Vascular endothelial growth factor C; VEGF-C; Flt4 ligand; Flt4-L; Vascular endothelial growth factor-related protein; VRP
Gene Symbol	VEGFC
Entrez Gene	7424(Human); 22341(Mouse); 114111(Rat)
SwissProt	P49767(Human); P97953(Mouse); O35757(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of VEGFC expression in CCRFCEM (A), 293 (B), HepG2 (C), mouse heart (D), rat heart (E) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 47 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.