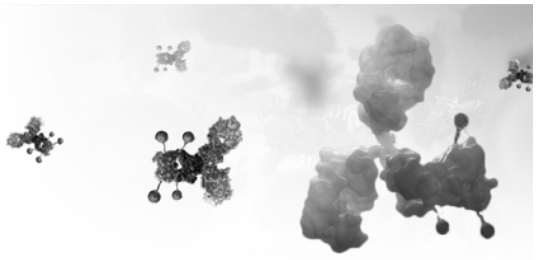

Anti-VEGF monoclonal antibody, clone 358200 (DCABY-4219)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	View VEGF IHC images.
Specificity	Detects canine VEGF in ELISAs and Western blots. In sandwich immunoassays, 100% cross-reactivity with recombinant human (rh)VEGF121 and rhVEGF165, less than 25% cross-reactivity with recombinant rat VEGF164, and no cross-reactivity with rhVEGF-B186, rhVEGF-C, rhVEGF-D, recombinant mouse (rm) VEGF115, rmVEGF120, rmVEGF165, or recombinant zebrafish VEGF165 is observed.
Immunogen	E. coli-derived recombinant canine VEGF164. Pro28-Arg190 Accession Number NP_001103972
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Dog
Clone	358200
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, Immunocytochemistry, ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	VEGFA vascular endothelial growth factor A [Canis lupus familiaris (dog)]
Official Symbol	VEGFA
Synonyms	VEGFA; VEGF; vascular endothelial growth factor A; VPF; VEGF-A; vascular permeability factor; vascular endothelial growth factor 188;
Entrez Gene ID	403802
Protein Refseq	NP_001003175
UniProt ID	Q9MYV3
Chromosome Location	chromosome: 12
Pathway	Bladder cancer; Cellular response to hypoxia; Cellular responses to stress; Cytokine-cytokine receptor interaction; Focal adhesion; HIF-1 signaling pathway; Hemostasis; Id Signaling Pathway;
Function	chemoattractant activity; cytokine activity; fibronectin binding; growth factor activity; heparin binding; platelet-derived growth factor receptor binding; receptor agonist activity; vascular endothelial growth factor receptor 1 binding; vascular endothel

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