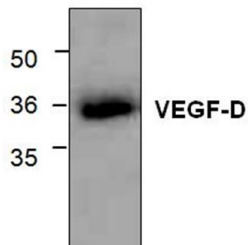


# Anti-Human VEGF-D Polyclonal Antibody

<b>CATALOG NO:</b>	5643-30T 30 µg (Trial size) 5643-100 100 µg
<b>CONCENTRATION:</b>	0.5 mg/ml
<b>IMMUNOGEN:</b>	E. coli expressed recombinant human VEGF-D (Cat. No. 4643-10)
<b>INTERNAL ID:</b>	BV- F11G
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human
<b>PURIFICATION:</b>	Affinity purified rabbit IgG
<b>FORMULATION:</b>	Supplied in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal
<b>STORAGE CONDITIONS:</b>	Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	EGF-D is most closely related to VEGF-C by virtue of the presence of N- and C-terminal extensions that are not found in other VEGF family members. In adult human tissues, VEGF-D mRNA is most abundant in heart, lung, skeletal muscle, colon, and small intestine. Analyses of VEGF-D receptor specificity revealed that VEGF-D is a ligand for both VEGF receptors (VEGFRs) VEGFR-2 (Flk1) and VEGFR-3 (Flt4) and can activate these receptors. However, VEGF-D does not bind to VEGFR-1. Expression of a truncated derivative of VEGF-D demonstrated that the receptor-binding capacities reside in the portion of the molecule that is most closely related in primary structure to other VEGF family members and that corresponds to the mature form of VEGF-C. In addition, VEGF-D is a mitogen for endothelial cells. The recombinant VEGF-D as the immunogen was expressed based on sequence from Genbank Accession# D89630, 20-354 aa.
<b>APPLICATION:</b>	Western blot: 0.5-4 µg/ml



**Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.**

**Western blot analysis of VEGF-D using recombinant human VEGF-D (50 ng).**

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- Membrane Protein Extraction Kit
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- Mammalian Cell Extraction Kit
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