



Anti-VEGF polyclonal antibody [Biotin] (DPABY-351)

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

PRODUCT INFORMATION

Antigen Description	View VEGF IHC images.
Specificity	Detects human VEGF165 in ELISAs and Western blots. In sandwich immunoassays, less than 15% cross-reactivity with recombinant human (rh) VEGF/PlGF is observed and less than 0.1% cross-reactivity with recombinant mouse (rm) PlGF-2, rhFlt-1, rhVEGF R2, rhPlGF, rhVEGF-C, rhVEGF-D, and rmVEGF is observed.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant human VEGF165 . Ala27-Arg191 Accession Number AAV38412
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
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 [Homo sapiens (human)]
Official Symbol	VEGFA
Synonyms	VEGFA; vascular endothelial growth factor A; VPF; VEGF; MVCD1; vascular permeability factor;
Entrez Gene ID	7422
Protein Refseq	NP_001020537
UniProt ID	P15692
Chromosome Location	6p12
Pathway	Angiogenesis; Bladder cancer; Cellular response to hypoxia; Cellular responses to stress; Cytokine-cytokine receptor interaction; Endochondral Ossification; Focal adhesion; Glypican 1 network;
Function	chemoattractant activity; cytokine activity; extracellular matrix binding; fibronectin binding; growth factor activity; heparin binding; identical protein binding; neuropilin binding; platelet-derived growth factor receptor binding; protein binding; prote