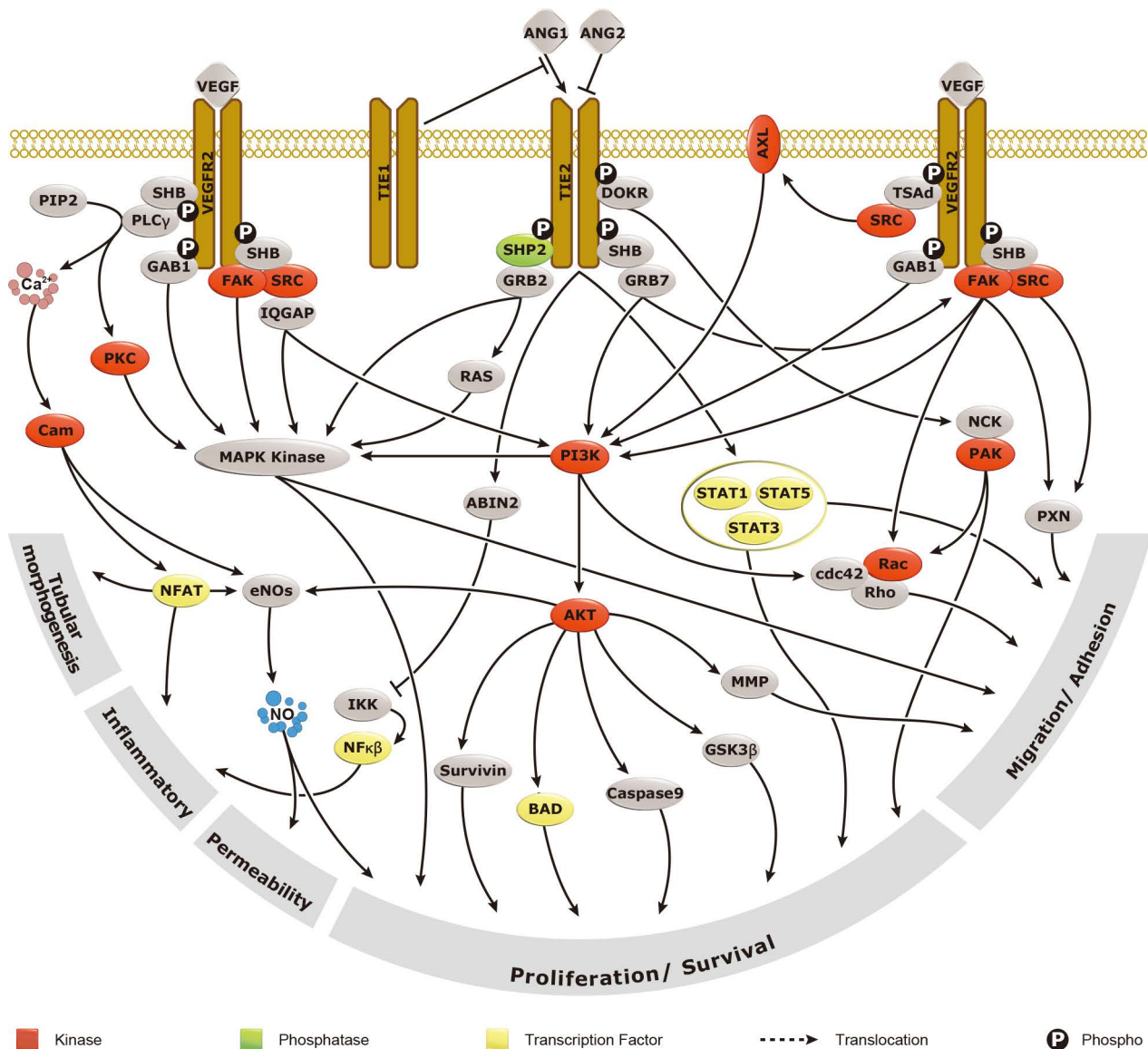


# VEGF/ ANG Pathway



Angiogenesis refers to new vessel formation from the pre-existing ones. This process is essential during development, wound healing, as well as the transition of malignant tumors. VEGF family has been identified as a major contributor to angiogenesis, while families of Angiopoietin, PDGF, and FGF govern the process as well. The most important member of VEGF family is VEGF-A, which couples with its receptor VEGFR2 to stimulate signals in endothelial cells for survival, proliferation, adhesion, migration, and tubular formation. This signaling also mediates vessel permeability and stimulates inflammatory response.

Cat. No.	Product Name	Host & Clonality	Reactivity	Application
GTX102643	VEGFA antibody	Rb pAb	Hu	IHC-P, WB
GTX74091	VEGFA antibody	Rb pAb	Ms	ELISA, ICC/IF, IHC-P, WB, Functional Assay
GTX83426	VEGFA antibody [4E3]	Ms mAb	Hu	ICC/IF, IHC, WB
GTX63286	VEGFB antibody [EPR4554]	Rb mAb	Hu	WB
GTX113574	VEGFC antibody	Rb pAb	Hs, Ms	IHC-P, WB
GTX100805	VEGFD antibody [N3C3]	Rb pA	Hu	IHC-P, WB

<b>Cat. No.</b>	<b>Product Name</b>	<b>Host &amp; Clonality</b>	<b>Reactivity</b>	<b>Application</b>
GTX128969	VEGFR1 antibody	Rb pAb	Hu	WB
GTX61100	VEGFR1 antibody [Y103], N-term	Rb mAb	Hs, Ms	ICC/IF, IHC, IHC-P, IP, WB
GTX17530	VEGFR2 antibody	Chk pAb	Hu, Ms, Rat, Bov	IHC, IHC-F, IHC-P, WB
GTX50432	VEGFR2 antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC, IHC-P, WB
GTX50153	VEGFR2 (pTyr951) antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC, IHC-P, WB
GTX100807	VEGFR3 antibody	Rb pAb	Hu	WB
GTX15295	VEGFR3 antibody (ready-to-use)	Rb pAb	Hu, Ms, Rat	IHC, IHC-P
GTX18629	FGF basic antibody [F-343]	Ms mAb	Hu	ELISA, WB
GTX12476	FGF basic antibody (Biotin)	Rb pAb	Hu	ELISA, IHC-P, WB
GTX12474	FGF acidic antibody (Biotin)	Rb pAb	Hu	ELISA, WB
GTX100683	PDGFB antibody	Rb pAb	Hu	IHC-P, WB
GTX107063	PDGF Receptor beta antibody	Rb pAb	Hu	ICC/IF, IHC-P, WB
GTX100925	Angiopoietin 1 antibody	Rb pAb	Hu	ICC/IF
GTX28451	Angiopoietin 1 antibody	Rb pAb	Ms	WB
GTX100991	Angiopoietin 2 antibody	Rb pAb	Hu	ICC/IF, IHC-P, WB
GTX100928	Angiopoietin 2 antibody	Rb pAb	Hu, Ms	IHC-P, WB
GTX107818	TIE1 antibody	Rb pAb	Hu, Ms	IHC-P, WB
GTX107505	TIE2 antibody	Rb pAb	Hu	IHC-P, WB
GTX100789	Integrin alpha V antibody [C2C3], C-term	Rb pAb	Hu	IHC-P, WB
GTX111672	Integrin beta 3 antibody [N2C1], Internal	Rb pAb	Hu	WB
GTX15459	Integrin beta 5 antibody	Rb pAb	Hu, Ms, Hm, Rat	ICC/IF, IHC-P, IP, WB
GTX40143	Integrin alpha V beta 3 antibody [23C6]	Ms mAb	Hu	FACS, ICC/IF, IHC-F, IHC-Fr, IP, Neut, ChIP assay
GTX39987	Integrin alpha V beta 5 antibody [P1F6]	Ms mAb	Hu, Chk	ELISA, FACS, ICC/IF, IHC-Fr, IP
GTX50505	eNOS antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, WB
GTX110602	CD31 antibody [N3C2], Internal	Rb pAb	Hu	IHC-P, WB
GTX20218	CD31 antibody [WM59]	Ms mAb	Hu, Mk	FACS, ICC/IF, IHC, IP
GTX101345	AXL antibody [C2C3], C-term	Rb pAb	Hu	IHC-P, WB
GTX64085	SHB antibody [EPR7976]	Rb mAb	Hu, Ms, Rat	WB
GTX50658	PLC gamma1 antibody	Rb pAb	Hu, Ms, Rat	IHC, IHC-P, WB
GTX50346	PLC gamma1 (pTyr771) antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, WB
GTX111293	PLC gamma2 antibody [N1N2], N-term	Rb pAb	Hu, Ms	ICC/IF, IHC-P, WB
GTX50225	PLC gamma2 (pTyr753) antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, WB
GTX100764	FAK antibody	Rb pAb	Hu	IHC-P, WB
GTX61768	FAK (pTyr576/577) antibody [EP1832Y]	Rb mAb	Hu, Ms, Rat	FACS, ICC/IF, IP, WB
GTX61220	SRC antibody [EG107], C-term	Rb mAb	Hu, Rat, Zfsh	ICC/IF, IHC, IHC-P, WB
GTX111173	PI3 kinase p110 beta antibody [N3C2], Internal	Rb pAb	Hu, Ms, Rat	ICC/IF, WB
GTX121937	AKT 1 + 2 + 3 antibody [N3C2], Internal	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB
GTX125891	Paxillin antibody	Rb pAb	Hu	IHC-P, WB
GTX24832	Paxillin (pTyr31) antibody	Rb pAb	Hu, Ms	ICC/IF, WB
GTX111253	GAB1 antibody	Rb pAb	Hu, Ms	IHC-P, WB
GTX114226	GAB2 antibody [N1C1]	Rb pAb	Hu	WB
GTX127932	NFAT1 antibody	Rb pAb	Hu, Ms	ICC/IF, WB
GTX22722	NFAT1 antibody [25A10.D6.D2]	Ms mAb	Hu, Ms, Rat	GSA, ICC/IF, IHC-F, IP, WB, ChIP assay
GTX13048	Rac antibody [23A8]	Ms mAb	Hu, Ms, Rat	IHC-Fr, IP, WB
GTX100904	CDC42 antibody	Rb pAb	Ms	WB
GTX63555	Rac / Cdc42 antibody [EPR6679(B)]	Rb mAb	Hu, Ms, Rat	ICC/IF, IHC, IHC-P, WB
GTX61296	Rho antibody [EP487Y]	Rb mAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB
GTX101767	Calmodulin 2 antibody	Rb pAb	Hu, Ms	ICC/IF, WB
GTX104577	MMP2 antibody	Rb pAb	Hu, Ms	ICC/IF, IHC-P, WB
GTX100706	MMP3 antibody [N1], N-term	Rb pAb	Hu	ICC/IF, IHC-P
GTX104658	MMP7 antibody [C2C3], C-term	Rb pAb	Hu, Ms	IHC-P, WB
GTX100458	MMP9 antibody [N2C1], Internal	Rb pAb	Hu	ICC/IF, IHC-P, WB
GTX102928	MMP12 antibody [N3C3]	Rb pAb	Hu	IHC, IHC-P, WB
GTX128207	Mmp14a+b antibody	Rb pAb	Zfsh	IHC-Wm
GTX105268	MMP17 antibody [N2C2], Internal	Rb pAb	Hu	ICC/IF, IHC-P, WB
GTX59582	Mek1/2 (pSer217/Ser221) antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, WB
GTX124447	Mapk3 antibody	Rb pAb	Zfsh	IHC-P, WB
GTX104128	MAPK4 antibody [N1C1]	Rb pAb	Hu	ICC/IF, IHC-P, WB
GTX103009	p38 alpha antibody	Rb pAb	Hu, Ms	ICC/IF, WB
GTX107519	MAPK15 antibody	Rb pAb	Hu	ICC/IF, IHC-P, WB
GTX102769	ERK1 antibody [N1C1]	Rb pAb	Hu, Ms	IHC-P, WB
GTX113094	ERK2 antibody [N2C3]	Rb pAb	Hu, Ms, Rat, Pig	IHC-P, WB