Technical support: order@acebiolab.com

Phone: 886-3-2870051

Ver.1 Date: 20180222

Angiogenesis Antibody Sampler Kit

Cat# AK0116

Upon receipt, store at -20°C. Avoid freeze/thaw cycles.

PRODUCT DESCRIPTION

Vascular endothelial growth factor receptor 2 (VEGFR2, KDR, Flk-1) is a major receptor for VEGF-induced signaling in endothelial cells. Upon ligand binding, VEGFR2 undergoes autophosphorylation and becomes activated. Signaling from VEGFR2 is necessary for angiogenesis in vivo. Activation of the receptor leads to rapid recruitment of adaptor proteins, including Shc, GRB2, Pl3 kinase, NCK, and the protein tyrosine phosphatases SHP-1 and SHP-2. Phosphorylation of VEGFR2 at Tyr1212 provides a docking site for GRB2 binding and phosphorylation at Tyr1175 binds the p85 subunit of Pl3 kinase and PLC γ . Activation of VEGFR2 during angiogenesis leads to signaling through multiple downstream kinase pathways including Akt, Src, FAK, p38, and Erk1/2.

PRODUCT INCLUDES

Cat No.	Product name	Quantity	Applications	Reactivity	Host
A340222	Phospho-FLK1 (Tyr1175) Polyclonal	20μL	WB, IHC, ELISA	Human,	Rabbit
A340222	Antibody		WB, ITIC, ELISA	Mouse, Rat	
A340190	Phospho-Pan-Akt (Ser473) Polyclonal	20μL	WB, IHC, ELISA	Human,	Rabbit
A340190	Antibody		VVD, INC, ELISA	Mouse, Rat	
A340295	Phospho-c-SRC (Tyr419) Polyclonal	20μL	WD INC ELICA	Human,	Rabbit
A340295	Antibody		WB, IHC, ELISA	Mouse, Rat	
A340361	Phospho-c-SRC (Ser75) Polyclonal	20μL	WD IIIC FLICA	Human,	Rabbit
A340361	Antibody		WB, IHC, ELISA	Mouse, Rat	
A24024F	Phospho-FAK (Tyr397) Polyclonal	20μL	AAD ELICA	Human,	Rabbit
A340315	Antibody		WB, ELISA	Mouse, Rat	
4240202	Phospho-P38 (Thr180/Tyr182)	20μL	NAS ILIC FLICA	Human,	Rabbit
A340303	Polyclonal Antibody		WB, IHC, ELISA	Mouse, Rat	
	Dhaanka Di CC4 /Tan 703) Dala la	20μL	WB, IHC, ELISA	Human,	Rabbit
A340279	Phospho-PLCG1 (Tyr783) Polyclonal			Mouse, Rat,	
	Antibody			Monkey	
4040075	Phospho-ERK 1/2 (Thr202/Tyr204)	20μL)	Human,	Rabbit
A340370	Polyclonal Antibody		WB, IHC, ELISA	Mouse, Rat	



	A1013s	Goat Anti-Rabbit IgG (H+L)	120	VA/D ELICA	Dabbi+	Cont
		(peroxidase/HRP conjugated)	120μL	WB,ELISA	Rabbit	Goat

PRODUCT USE LIMITATION

These products are intended for research use only.

