Datasheet for ABIN7193012

anti-VEGFA antibody

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	VEGFA
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VEGFA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of Human VEGFA
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen affinity purification

Target Details

Target:	VEGFA
Alternative Name:	VEGFA (VEGFA Products)
Background:	Background: This gene is a member of the PDGF/VEGF growth factor family and encodes a protein that is often found as a disulfide linked homodimer. This protein is a glycosylated mitogen that specifically acts on endothelial cells and has various effects, including mediating increased vascular permeability, inducing angiogenesis, vasculogenesis and endothelial cell

Target Details

	growth, promoting cell migration, and inhibiting apoptosis. Elevated levels of this protein is linked to POEMS syndrome, also known as Crow-Fukase syndrome. Mutations in this gene have been associated with proliferative and nonproliferative diabetic retinopathy. Alternatively spliced transcript variants, encoding either freely secreted or cell-associated isoforms, have been characterized. There is also evidence for the use of non-AUG (CUG) translation initiation sites upstream of, and in-frame with the first AUG, leading to additional isoforms. Aliases: glioma-derived endothelial cell mitogen antibody, MGC70609 antibody, MVCD1 antibody, Vascular endothelial growth factor A antibody, Vascular Endothelial Growth Factor antibody, Vascular permeability factor antibody, VEGF antibody, VEGF-A antibody, VEGF165 antibody, Vegfa antibody, VEGFA_HUMAN antibody, VPF antibody
UniProt:	P15692
Pathways:	RTK Signaling, Glycosaminoglycan Metabolic Process, Regulation of Cell Size, Tube Formation, Signaling Events mediated by VEGFR1 and VEGFR2, Platelet-derived growth Factor Receptor Signaling, VEGFR1 Specific Signals, VEGF Signaling

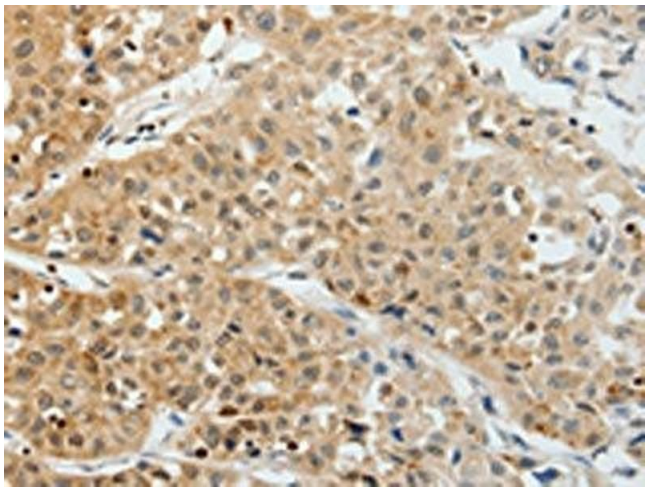
Application Details

Application Notes:	ELISA:1:2000-1:5000, WB:1:500-1:2000, IHC:1:25-1:100,
Restrictions:	For Research Use only

Handling

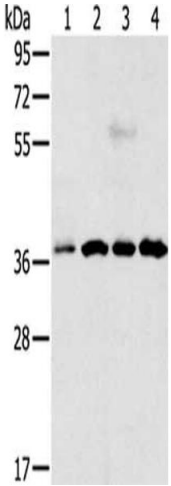
Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Copyright antibodies-online. All rights reserved.



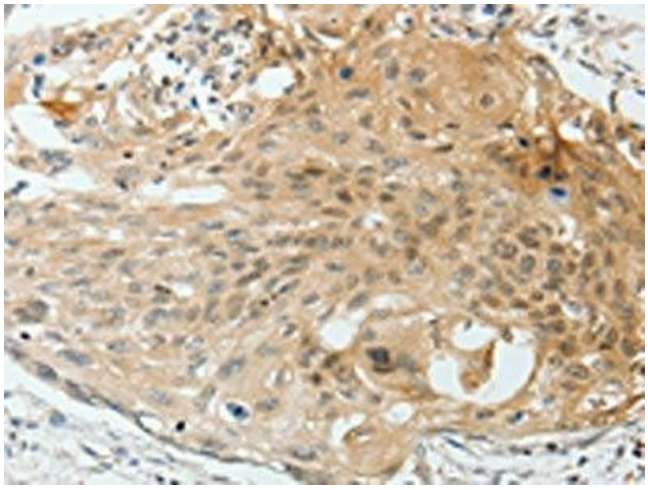
Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ABIN7193012(VEGFA Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



Western Blotting

Image 2. Gel: 12 % SDS-PAGE, Lysate: 40 µg, Lane 1-4: Hela cells, Jurkat cells, 293T cells, 231 cells, Primary antibody: ABIN7193012(VEGFA Antibody) at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 50 seconds



Immunohistochemistry

Image 3. The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ABIN7193012(VEGFA Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

Copyright antibodies-online. All rights reserved.