



# Rabbit Anti-Human VEGF121 monoclonal antibody, clone S256 (CABT-ZB793)

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

## PRODUCT INFORMATION

<b>Specificity</b>	It reacts with Human VEGFA
<b>Target</b>	VEGFA
<b>Immunogen</b>	Recombinant Human VEGF121/VEGFA Protein
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	S256
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB793 - CABT-ZB1093 This antibody will detect VEGF121 in antibody pair set. [ABPR-ZB373]
<b>Preparation</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Human VEGF121/VEGFA.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	50 µL, 100 µL, 1 mL

<b>Buffer</b>	PBS
<b>Preservative</b>	None
<b>Storage</b>	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

**Introduction** Vascular endothelial growth factor (VEGF), also known as vascular permeability factor (VPF) and VEGF-A, is a potent mediator of both angiogenesis and vasculogenesis in the fetus and adult. It is a member of the platelet-derived growth factor (PDGF)/vascular endothelial growth factor (VEGF) family and often exists as a disulfide-linked homodimer. VEGF-A 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 growth, promoting cell migration, inhibiting apoptosis and tumor growth. VEGF-A protein is also a vasodilator that increases microvascular permeability, thus it was originally referred to as vascular permeability factor.

**Keywords** VEGFA; vascular endothelial growth factor A; VPF; VEGF

## GENE INFORMATION

<b>Synonyms</b>	VEGFA; vascular endothelial growth factor A; VPF; VEGF; MVCD1; vascular permeability factor
<b>Entrez Gene ID</b>	<a href="#">7422</a>
<b>UniProt ID</b>	<a href="#">P15692</a>