



Rabbit Anti-Human VEGF165 monoclonal antibody, clone S121 (CABT-ZB535)

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

PRODUCT INFORMATION

Specificity	It reacts with Human VEGFA It has cross-reactivity in ELISA with Mouse VEGF164, Rat VEGF164
Target	VEGF165
Immunogen	Recombinant Human VEGF165/VEGFA protein
Isotype	IgG2b
Source/Host	Rabbit
Species Reactivity	Human
Clone	S121
Purification	Protein A purified
Conjugate	Unconjugated
Applications	Neutralization We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB535 - CABT-ZB899 This antibody will detect VEGF165 in antibody pair set. [ABPR-ZB111]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human VEGF165/VEGFA.
Format	Purified, Liquid
Concentration	Lot specific

Size	200 µg, 500 µg
Buffer	PBS
Preservative	None
Storage	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.
Ship	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 Alpha-2-macroglobulin receptor; Apolipoprotein E receptor; LRP-1; CD91 antigen

GENE INFORMATION

Synonyms Alpha-2-macroglobulin receptor; Apolipoprotein E receptor; LRP-1; CD91 antigen; APR; LRP; low density lipoprotein receptor-related protein 1; A2MR; CD91; APOER; TGFBR5; IGFBP3R; FLJ16451; MGC88725; LRP1; prolow-density lipoprotein receptor-related protein