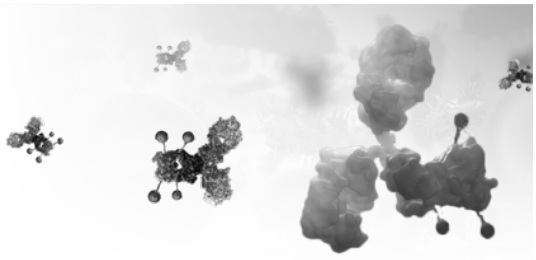

Human Anti-Human VEGF (Bevacizumab) Monoclonal Antibody, clone A4.6.1 [Biosimilar] (CABT-Z643H)

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

PRODUCT INFORMATION

Specificity	Detects human VEGF. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Bevacizumab.
Immunogen	Human VEGF.
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	A4.6.1
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	FA
Format	Liquid
Concentration	Lot specific
Size	5 mg
Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free. Endotoxin Level ≤ 0.75 EU/mg as determined by the LAL method

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Preservative	None
Storage	Store at 2-8℃ for short term; -80℃ for long term. Avoid freeze / thaw cycle.
Ship	Wet ice

BACKGROUND

Introduction	VEGF is widely expressed in the thyroid, prostate, and various other tissues. Bevacizumab is a monoclonal antibody that specifically recognizes vascular endothelial growth factor (VEGF). VEGF is a growth factor that participates in angiogenesis, vasculogenesis, and endothelial cell growth. It facilitates endothelial cell proliferation, cell migration, and the permeabilization of blood vessels. In addition, VEGF inhibits apoptosis. Bevacizumab neutralizes the biological activity of VEGF by preventing the interaction of VEGF with its receptors on the surface of endothelial cells, resulting in the regression of tumor vascularization, normalization of remaining tumor vasculature, and inhibition of the formation of new tumor vasculature, thus inhibiting tumor growth.
Keywords	VEGFA; vascular endothelial growth factor A;vascular endothelial growth factor , VEGF;VEGF A;VPF;vascular permeability factor

GENE INFORMATION

Gene Name	VEGFA
Entrez Gene ID	7422
UniProt ID	P15692

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