

Anti-VEGFB Picoband Antibody
Catalog # ABO10309**Specification****Anti-VEGFB Picoband Antibody - Product Information**

Application	WB, E
Primary Accession	A04494-3
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for VEGFB detection. Tested with WB, Direct ELISA in Human;Mouse;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-VEGFB Picoband Antibody - Additional Information**Application Details**

Western blot, 0.1-0.5 µg/ml
Direct ELISA, 0.1-0.5 µg/ml

Subcellular Localization

Secreted. Secreted but remains associated to cells or to the extracellular matrix unless released by heparin.

Tissue Specificity

Expressed in all tissues except liver. Highest levels found in heart, skeletal muscle and pancreas.

Contents

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

E. coli-derived human VEGFB recombinant protein (Position: P22-A207).

Cross Reactivity**Anti-VEGFB Picoband Antibody - Background**

Vascular endothelial growth factor B also known as VEGF-B is a protein that, in humans, is encoded by the VEGF-B gene. VEGF-B is a growth factor that belongs to the vascular endothelial growth factor family, of which VEGF-A is the best-known member. In contrast to VEGF-A, VEGF-B plays a less pronounced role in the vascular system: Whereas VEGF-A is important for the formation of blood vessels, such as during development or in pathological conditions, VEGF-B seems to play a role only in the maintenance of newly formed blood vessels during pathological conditions. It also plays an important role on several types of neurons. And it is important for the protection of neurons in the retina and the cerebral cortex during stroke and of motoneurons during motor neuron diseases such as amyotrophic lateral sclerosis.

No cross reactivity with other proteins.

Storage **At -20°C; for one year. After reconstitution, at 4°C; for one month. It can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and thawing.**

Anti-VEGFB Picoband Antibody - Protein Information

Anti-VEGFB Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)