

VEGFA antibody [R010]

Cat. No. GTX02156

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	Neutralizing/Inhibition
Reactivity	Human

Package
200 µg

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
Neutralizing/Inhibition	Assay dependent

Note : 1. In a functional ELISA which immobilized recombinant Human VEGF165 protein at 1 µg/ml (100 µl/well) in the plate, this antibody can block the binding of 5 µg/ml of biotinylated recombinant Human VEGFR2 protein to Human VEGF165 protein. And the EC₅₀ is 1.51 µg/ml. 2. The neutralization activity of this antibody is measured by its ability to neutralize VEGF165 induced proliferation in HUVEC cells. Th Neutralization titer (IC₅₀) is typically 5.35-21.4 ng/ml in the presence of 10 ng/ml recombinant Human VEGF165 protein.

Not tested in other applications.

Calculated MW 27 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	Filter-sterilized PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant Human VEGF165 / VEGFA protein
Purification	Purified by Protein A
Conjugation	Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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DATA IMAGES



GTX02156 Neutralizing/Inhibition Image

The neutralization activity of GTX02156 VEGFA antibody [R010] is measured by its ability to neutralize VEGF165 induced proliferation in HUVEC.

ED₅₀ : 10-47 ng/ml in the presence of 10 ng/ml human VEGF165 protein.



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