

## Product Information

### Anti-VEGF

antibody produced in chicken,  
affinity isolated antibody

Catalog Number **GW21180**

Formerly listed as GenWay Catalog Number 15-288-21180,  
Vascular endothelial growth factor A Antibody.

Storage Temperature Store at -20 °C

Synonyms: Vascular endothelial growth factor, VEGF-A;  
Vascular permeability factor; VPF

### Product Description

Growth factor active in angiogenesis, vasculogenesis, and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis, and induces permeabilization of blood vessels. Binds to the VEGFR1/Flt-1 and VEGFR2/Kdr receptors, heparan sulfate and heparin. Neuropilin-1 binds isoforms VEGF-165 and VEGF-145.

NCBI Accession number: NP\_003367.2

Swiss Prot Accession number: P15692

Gene Information: Human .. VEGF (7422)

Immunogen: Recombinant protein Vascular endothelial growth factor

Immunogen Sequence: GI # 19923240, sequence 40 - 104

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human, dog, cat

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Storage/Stability

For continuous use, store at 2-8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

LPG,MAM12/09-1

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