



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-VEGF [A.4.6.1] Standard Size Ab00339-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original mouse IgG1 format for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** A.4.6.1

**Alternative Name(s) of Target:** Vascular Endothelial Growth Factor; VEGF-A; VEGFA; Vascular Permeability Factor; VPF

**UniProt Accession Number of Target Protein:** P15692

**Published Application(s):** IP, WB, Block, ELISA, FC, IHC

**Published Species Reactivity:** Rat, Human

**Immunogen:** Recombinant human VEGF.

**Specificity:** Binds native and reduced human VEGF (isoform 165), with a Kd of 0.8 nm determined for the original clone.

**Application Notes:** This is the parental antibody clone to the humanized, therapeutic antibody Bevacizumab (marketed as Avastin) binding to VEGF. VEGF is a growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. It induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels.

**Antibody First Published in:** Kim et al. 1992 The Vascular Endothelial Growth Factor Proteins: Identification of biologically relevant regions by neutralizing monoclonal antibodies. Growth Factors. 1992;7(1):53-64. [PMID:1380254](#)

**Note on publication:** Describes generation of anti-hVEGF monoclonal antibodies as well as characterisation of binding by various methods. Also shows inhibition of angiogenesis and vascular permeabilization induced by human VEGF in a model organisms.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:**

PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.