

Datasheet for ABIN5668149

Recombinant anti-VEGF antibody**3** Images[Go to Product page](#)

Overview

Quantity:	200 µg
Target:	VEGF
Reactivity:	Human, Rat
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This VEGF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunoprecipitation (IP), Blocking Reagent (BR)

Product Details

Immunogen:	Recombinant human VEGF.
Clone:	A-4-6-1
Isotype:	IgG1 kappa
Specificity:	Binds native and reduced human VEGF (isoform 165), with a Kd of 0.8 nm determined for the original clone.
Cross-Reactivity:	Rat
Characteristics:	OriginalSpeciesName: Mouse OriginalFormat: IgG1
Purification:	Purified antibody.

Target Details

Target:	VEGF
Alternative Name:	VEGF (VEGF Products)
Background:	VEGF-A, Vascular Endothelial Growth Factor, VEGFA, Vascular Permeability Factor, VPF
UniProt:	P15692

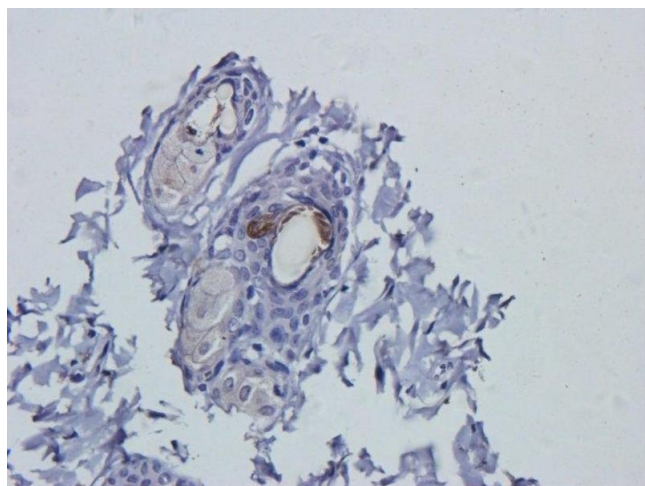
Application Details

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.
Restrictions:	For Research Use only

Handling

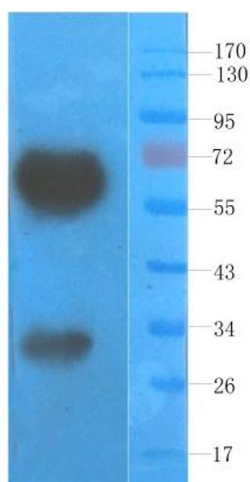
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Images



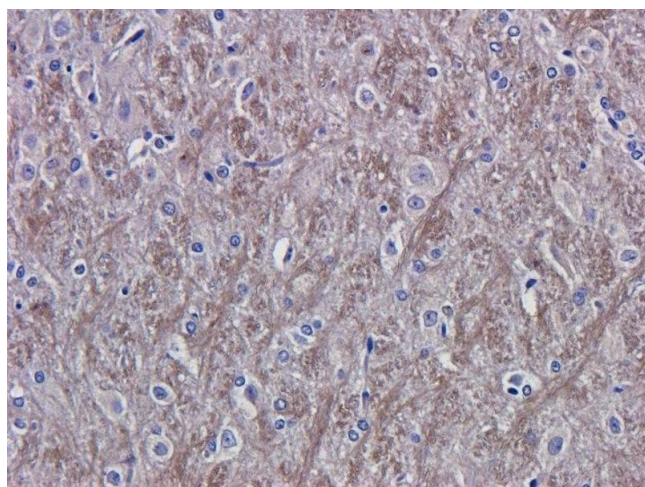
Immunohistochemistry

Image 1. Immunohistochemical staining of rat skin tissue using anti-VEGF antibody A.4.6.1. Anti-VEGF staining of formaldehyde fixed paraffin embedded rat skin tissue, at 40x magnification. The mouse IgG1-chimeric version of A.4.6.1 (ABIN5668149) was used to stain samples at a concentration of 5 µg/mL.



Western Blotting

Image 2. Western Blot using anti-VEGF antibody Rat skin lysate was resolved on a 10% SDS PAGE gel and blots probed with at 1.0 µg/ml before being detected by a secondary antibody. The expected band size (27 kDa) is seen along with bands corresponding to dimers.



Immunohistochemistry

Image 3. Immunohistochemical staining of rat brain tissue using anti-VEGF antibody A.4.6.1 Anti-VEGF staining of formaldehyde fixed paraffin embedded rat brain tissue, at 40x magnification. The mouse IgG1-chimeric version of A.4.6.1 (ABIN5668149) was used to stain samples at a concentration of 5 µg/mL.