9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

45-1117: Biotinylated Rabbit Monoclonal Antibody to Bevacizumab/Avastin (Clone : 46E3)

Clonality :	Monoclonal
Clone Name :	46E3
Application :	ELISA
Conjugate :	Biotin
Format :	Purified
Isotype :	Rabbit IgG
Immunogen Information :	Bevacizumab

Description

Bevacizumab (Avastin) is a humanized monoclonal antibody that is approved by the U.S. Food and Drug Administration for the treatment of patients with colon cancer, lung cancer, glioblastoma, renal-cell carcinoma, and age-related macular degeneration. As an angiogenesis inhibitor, Bevacizumab blocks angiogenesis by inhibiting vascular endothelial growth factor A (VEGF-A).

Product Info

Amount :	40 µg
Purification :	Protein A chromatography
Content :	0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 1% BSA and 0.02% sodium azide.
Storage condition :	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application Note

ELISA detection: 0.01-0.05 µg/ml

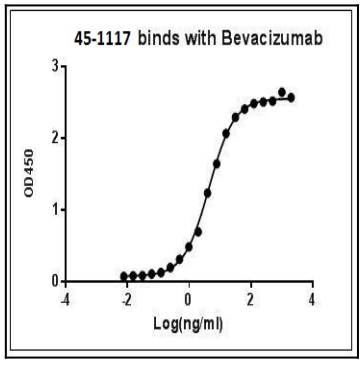


Figure-1 : ELISA binding of Biotin conjugated Bevacizumab Antibody (Clone: 46E3) with Bevacizumab, Coating antigen: Bevacizumab at 1 µg/ml, Bevacizumab antibody dilution start from 2,000 ng/ml, EC50= 4.421 ng/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

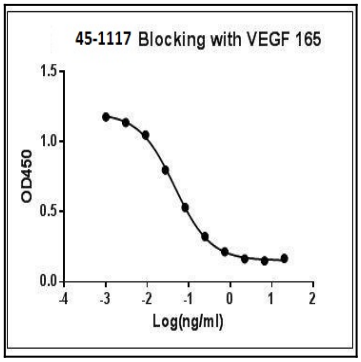


Figure-2 : ELISA Blocking of Biotin conjugated Bevacizumab Antibody (Clone: 46E3) with Vascular Endothelial Growth Factor 165 (VEGF 165), Coating antigen: Bevacizumab at 0.3 µg/ml, Anti-Bevacizumab Antibody (Clone: 46E3)final concentration: 8 ng/ml, VEGF 165 dilution start from 20 µg/ml, IC50= 46.16 ng/ml.

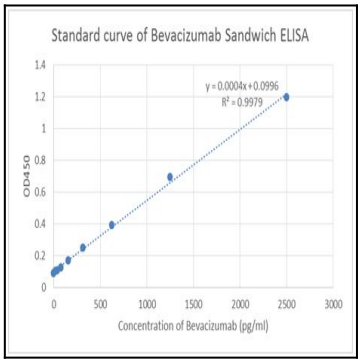


Figure-3 : Standard curve of Bevacizumab Sandwich ELISA, The Bevacizumab Sandwich ELISA assay is developed by using Bevacizumab Antibody (Clone: 30E1)and Biotin conjugated Bevacizumab Antibody (Clone: 46E3) as the capture and detection antibodies respectively, The sensitivity of detecting Bevacizumab is up to 20 pg/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.