

Product datasheet

Anti-VEGF Receptor 1 + VEGF Receptor 2 antibody ab36844

[9 References](#) [2 Images](#)

Overview

Product name	Anti-VEGF Receptor 1 + VEGF Receptor 2 antibody
Description	Rabbit polyclonal to VEGF Receptor 1 + VEGF Receptor 2
Host species	Rabbit
Specificity	This antibody is specific for VEGFR 1 with significant cross-reactivity with the VEGFR 2 protein.
Tested applications	Suitable for: WB, ICC/IF, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide corresponding to Mouse VEGF Receptor 1 + VEGF Receptor 2 aa 800-900. Sequence: PDEVPLDEQCERLPYDASKWEFARERLKLGLSLGRGAF GK VVQASAFG IKKSPTCRTVAVKMLKEGATASEYKALMTELKILTHIGHHLN VVNLLGAC TK

 [Run BLAST with](#)

 [Run BLAST with](#)

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.4 Preservative: 0.05% Sodium azide
Purity	Protein A purified
Purification notes	ab36844 is an affinity purified IgG.

Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab36844 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

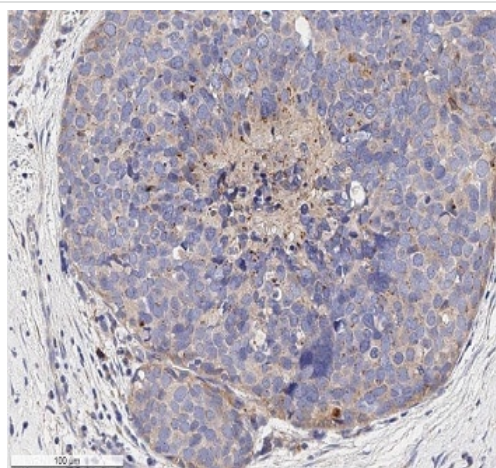
Application	Abreviews	Notes
WB		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
IHC-P		1/250 - 1/500.

Target

Relevance Receptors for VEGF, VEGFB and PGF have a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development and regulation of vascular permeability. VEGF and its high-affinity binding receptors, the tyrosine kinases FLK1 and FLT1, are thought to be important for the development of embryonic vasculature. It has been shown that an alternately spliced form of FLT1 produces a soluble protein, termed sFLT1, which binds vascular endothelial growth factor with high affinity, playing an inhibitory role in angiogenesis.

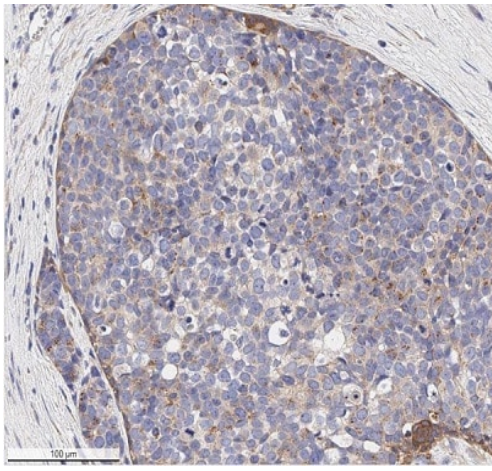
Cellular localization Cell Membrane

Images



IHC analysis of a formalin-fixed paraffin-embedded (FFPE) human breast carcinoma tissue section using 1:500 dilution of ab36844. The assay involved 20 minutes of heat induced antigen retrieval (HIER) with 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching using peroxide block. The sections were incubated with primary antibody for 30 minutes.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VEGF Receptor 1 + VEGF Receptor 2 antibody (ab36844)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VEGF Receptor 1 + VEGF Receptor 2 antibody (ab36844)

IHC analysis of a formalin-fixed paraffin-embedded (FFPE) human breast carcinoma tissue section using 1:500 dilution of ab36844. The assay involved 20 minutes of heat induced antigen retrieval (HIER) with 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching using peroxide block. The sections were incubated with primary antibody for 30 minutes.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors