

Catalogue No.

Qty:

600 µg

Anti-VEGFA

Source: Goat

General description: Goat polyclonal to VEGFA. This protein is a member of the PDGF/VEGF growth factor family. It is a glycosylated mitogen that specifically acts on endothelial cells and has various effects such as mediating increased vascular permeability, endothelial cell growth, promoting cell migration, inducing angiogenesis and inhibiting apoptosis.

Alternative names: MVCD1, RP1-261G23.1, VEGF, vascular permeability factor and VPF antibody.

Form: Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant human VEGFA isoform 6 produced in E. coli.

Specificity: Detects endogenous levels of total VEGFA by Western blot in whole cell and tissue lysates.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	ND	+++	ND
Rat	+++	ND	ND	+++	ND
Mouse	+++	ND	ND	+++	ND
Canine	+++	ND	ND	+++	ND
Monkey	+++	ND	ND	+++	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

WB: 1:250-1:2,000

IF: 1:50-1:250

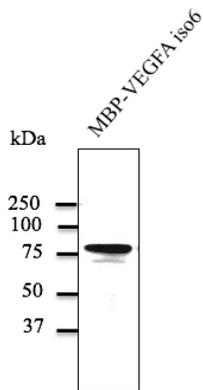
Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer.

Working dilution samples should be discarded if not used within 12 hours.

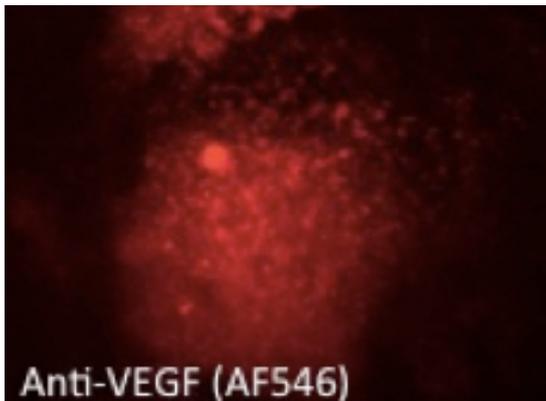
Special instructions: The antibody solution should be gently mixed before use..

References:

1. Rodrigues T, Borges P, Mar L, et al. Pharmacol Res. 2020 Sep. PMID: 32942016
2. Rodrigues TDA, PhD Thesis, University of Coimbra, Portugal 2018
3. Fonseca LMO, MSc Thesis, University of Berlin, Portugal 2018
4. Rodrigues T, Matafome P, Sereno J, et al. Sci Rep. 2017 May 10;7:1698. PMID: 28490763



MBP-VEGFA isoform 6 recombinant protein detected by WB using anti-VEGFA Ab at 1,000 dilution; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Immunostaining of primary RPE cells using VEGFA Ab at 1/50 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.