



Product Data Sheet

001 Rev1 Jan 2012 by JR

Catalogue No. AB0063-200

Qty: 600 µg (3 mg/ml)

VEGFA Polyclonal Antibody

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 against human, rat, mouse, canine and monkey proteins.

Sample	Western blot	Immuno-fluorescence	Histochemistry (paraffin)	Histochemistry (frozen)
human	+++	+++	ND	ND
rat	+++	+++	ND	ND
mouse	+++	+++	ND	ND
canine	+++	+++	ND	ND
monkey	+++	+++	ND	ND

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

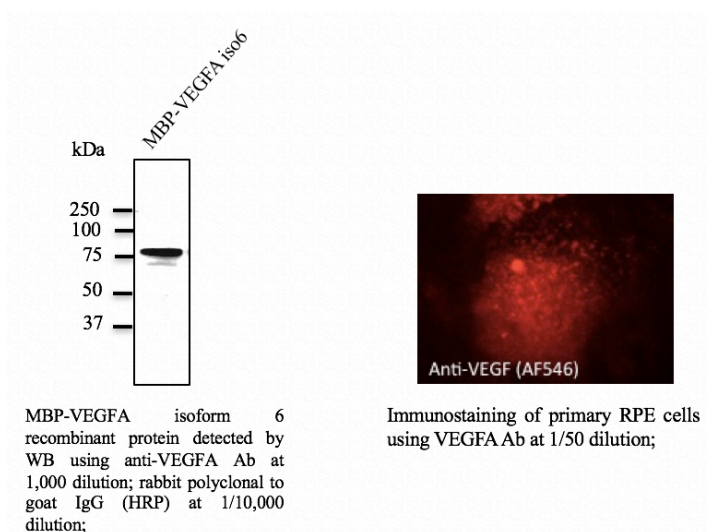
Usage: Western blot 1:250-1:2,000
Immunofluorescence 1:50-1:250
Immunohistochemistry (paraffin) ND
Immunohistochemistry (frozen) ND

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles.

References:

1. Rodrigues TDA, PhD Thesis, University of Coimbra, Portugal 2018
2. Fonseca LMO, MSc Thesis, University of Berlin, Portugal 2018
3. Rodrigues T, Matafome P, Sereno J, et al. *Sci Rep.* 2017 May 10;7:1698. PMID:28490763



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.