SICGEN ANTIBODIES

Product Data Sheet

001 Reeve Jan 2012 by JR

Catalogue No. AB0142-200
Qty: 600 µg (3 mg/ml)

VEGFR2 Polyclonal Antibody

Source: Goat

General description: Goat polyclonal to VEGFR2. VEGFR2 known as kinase insert domain receptor, is a type III receptor tyrosine kinase. This VEGF receptor has a key function in vascular development and regulation of vascular permeability.

Alternative names: CD309, Fetal liver kinase 1, FLK1, Kinase insert domain receptor, Protein-tyrosine kinase receptor flk-1, VEGFR, VEGF receptor 2, Vascular endothelial growth factor receptor 2 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: Recombinant peptide derived from the N-terminus (residues 20-125 aa) of human VEGFR2 produced in *E. coli.*

Specificity: This antibody reacts with a 180 kDa protein and detects endogenous levels of total VEGFR2 protein.

Reactivity: Reacts against human, canine and mouse 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	1:500-1:2,000
Immunofluorescence	1:25-1:250
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:

SICGEN - Research and Development in Biotechnology Ltd
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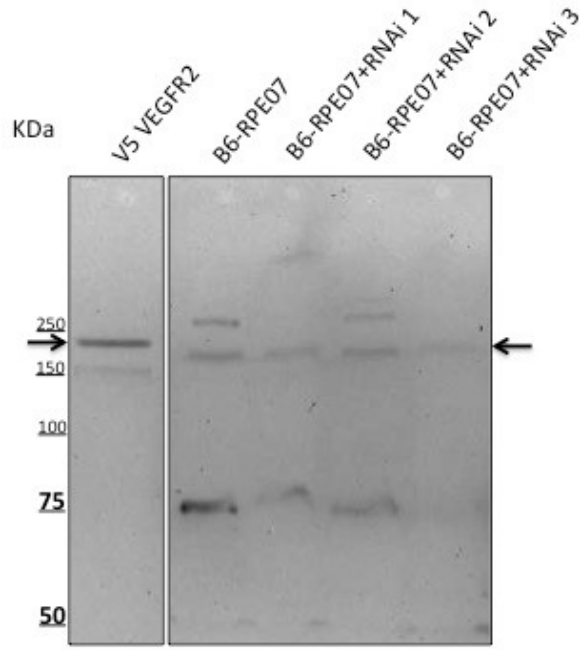

Anti-VEGFR2 antibody at 1/500 dilution; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

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.

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