

VEGFB Ab

[References\(2\)](#) [Images\(7\)](#)

Cat.#: AF7019
Size:

Concn.: ~1mg/ml
Source: Rabbit

Mol.Wt.: 17,21kDa
Clonality: Polyclonal

Application:

WB 1:500-1:2000, IF/ICC 1:100-1:500

*The optimal dilutions should be determined by the end user.

Reactivity:

Human,Mouse,Rat

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen:

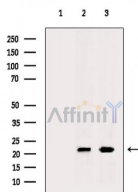
A synthesized peptide derived from human VEGFB, corresponding to a region within the internal amino acids.

Uniprot:

P49765

Description:

Several variants of VEGF have been described that arise by alternative mRNA splicing. It has been speculated that VEGF may function as a tumor angiogenesis factor in vivo. Two additional proteins designated VEGF-B and VEGF-C share a significant degree of homology with VEGF.

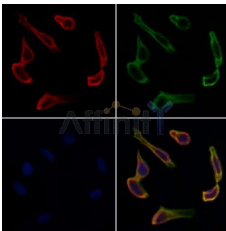


Western blot analysis of extracts from various samples, using VEGFB Ab.

Lane 1: Raji cells(UV treatment), blocked with antigen-specific peptides,

Lane 2: Raji cells(UV treatment),

Lane 3: 293 cells(heat-shock treatment).



AF7019 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF7019 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.

The nuclear counter stain is DAPI(blue).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



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