

# VEGF Polyclonal Antibody

Product Details	
Size	200 µg
Species	Human
Expression System	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Full-length human recombinant protein expressed in E-coli
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein A/G
Storage buffer	PBS
Contains	no preservative
Storage Conditions	-20°C
RRID	AB_2539846

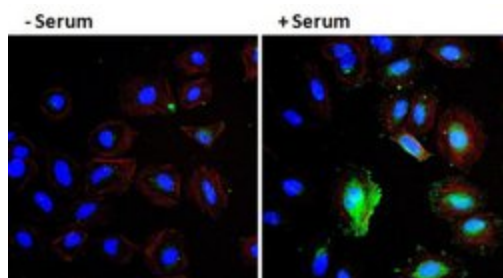
Applications	Tested Dilution	Publications
ELISA (ELISA)	0.125-0.5 µg/mL	-
Immunocytochemistry (ICC)	1:50-1:200	-
Immunofluorescence (IF)	1:50-1:200	-
Western Blot (WB)	1 µg/mL	-

## Product Specific Information

The VEGF-A monoclonal antibody clone # 16F1 (Product # M808) has successfully been paired as the coating antibody in a sandwich ELISA with detection antibody P802B (biotinylated conjugate of Product # P802).

Typical dilutions for sandwich ELISA include 1 µg/mL for coating and 0.125-0.5 µg/mL for detection.

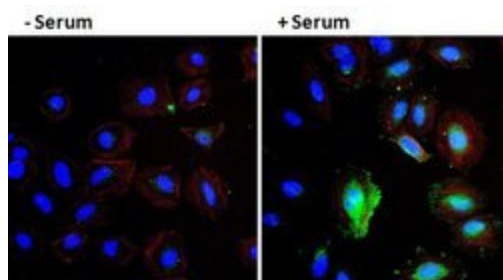
## Advanced Verification Data



### VEGF Antibody (P802)

The specificity of anti-VEGF polyclonal antibody (Product # P802) was demonstrated by the immunofluorescence detection of increased VEGF expression in HeLa cells in the presence of serum (right panel) compared to serum starved cells (left panel). Cell treatment validation info.

## Product Images For VEGF Polyclonal Antibody



### VEGF Antibody (P802) in IF

Immunofluorescent analysis of VEGF (green) in HeLa cells either serum starved (left panel) or treated with serum (right panel) for 30 minutes. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA (Product # 37525) for 15 minutes at room temperature. Cells were probed with a VEGF polyclonal antibody (Product # P802) at a dilution of 1:50 for at least 1 hour at room temperature, washed with PBS, and incubated with DyLight 488 goat anti-rabbit IgG secondary antibody (Product # 35552) at a dilution of 1:400 for 30 minutes at room temperature. F-Actin (red) was stained with DyLight 554 Phalloidin (Product # 21834) and nuclei (blue) were stained with Hoechst 33342 dye (Product # 62249). Images were taken on a Thermo Scientific ArrayScan at 20X magnification.



### VEGF Antibody (P802) in IF

Immunofluorescent analysis of Vascular Endothelial Growth Factor (VEGF, green) in HeLa cells. The cells were fixed with 4% paraformaldehyde, permeabilized with 0.1% Triton X-100 in PBS, and blocked with 3% Blocker BSA (Product # 37525) for 30 minutes at room temperature. Cells were stained with (left panel) or without (right panel) a VEGF polyclonal antibody (Product # P802) at a dilution of 1:40 for at least 1 hour at room temperature, and then incubated with a DyLight 488 goat anti-rabbit IgG secondary antibody at a dilution of 1:1000 for 45 minutes at room temperature. F-actin (both panels, red) was stained by DyLight 554 Phalloidin (Product # 21834) and nuclei (both panels, blue) were stained with DAPI (Product # 46190). Images were taken at 60X magnification.

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