

**KD-Validated Anti-Vascular Endothelial Growth Factor D Rabbit Monoclonal Antibody**  
**Rabbit monoclonal antibody**  
**Catalog # AGI1714****Specification****KD-Validated Anti-Vascular Endothelial Growth Factor D Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	<a href="#">O43915</a>
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 40 kDa , observed , 37 kDa KDa
Gene Name	VEGFD
Aliases	VEGFD; Vascular Endothelial Growth Factor D; VEGF-D; FIGF; C-Fos Induced Growth Factor (Vascular Endothelial Growth Factor D); C-Fos-Induced Growth Factor
Immunogen	A synthesized peptide derived from human beta VEGFD

**KD-Validated Anti-Vascular Endothelial Growth Factor D Rabbit Monoclonal Antibody - Additional Information**

Gene ID 2277

**Other Names**

Vascular endothelial growth factor D {ECO:0000312|HGNC:HGNC:3708}, VEGF-D, c-Fos-induced growth factor, FIGF, VEGFD ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=3708](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=3708)), FIGF

**KD-Validated Anti-Vascular Endothelial Growth Factor D Rabbit Monoclonal Antibody - Protein Information****Name** VEGFD ([HGNC:3708](#))**Synonyms** FIGF**Function**

Growth factor active in angiogenesis, lymphangiogenesis and endothelial cell growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels. May function in the formation of the venous and lymphatic vascular systems during embryogenesis, and also in the maintenance of differentiated lymphatic endothelium in adults. Binds and activates VEGFR-2 (KDR/FLK1) and VEGFR-3 (FLT4) receptors.

**Cellular Location**

Secreted.

### Tissue Location

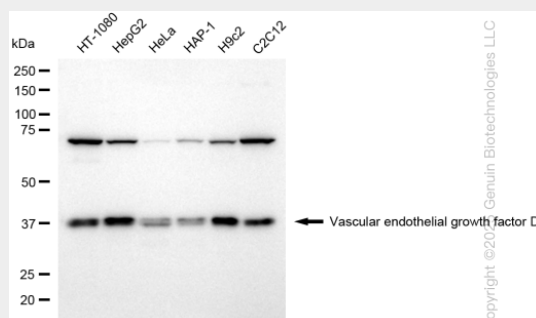
Highly expressed in lung, heart, small intestine and fetal lung, and at lower levels in skeletal muscle, colon, and pancreas

### KD-Validated Anti-Vascular Endothelial Growth Factor D Rabbit Monoclonal Antibody - Protocols

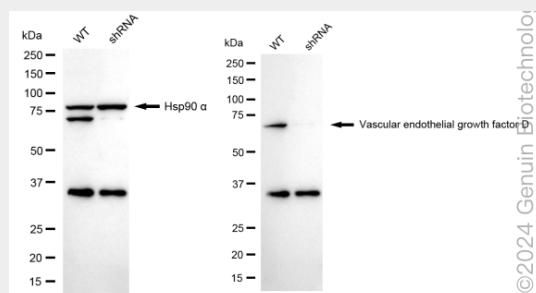
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

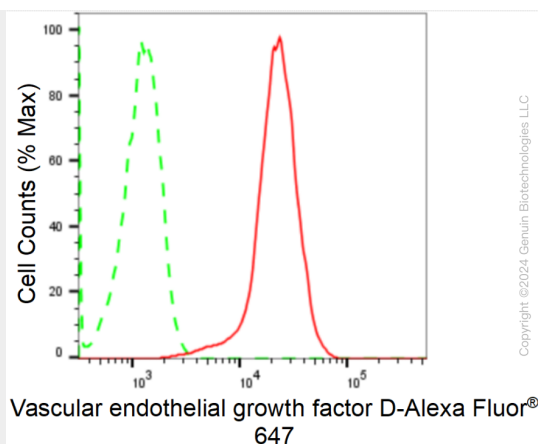
### KD-Validated Anti-Vascular Endothelial Growth Factor D Rabbit Monoclonal Antibody - Images



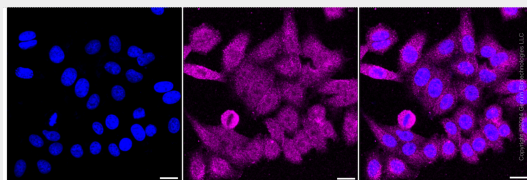
Western blotting analysis using anti-Vascular endothelial growth factor D antibody (Cat#62636). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Vascular endothelial growth factor D antibody (Cat#62636, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-Vascular endothelial growth factor D antibody (Cat#62636). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Vascular endothelial growth factor D antibody (Cat#62636, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Flow cytometric analysis of Vascular endothelial growth factor D expression in HepG2 cells using anti-Vascular endothelial growth factor D antibody (Cat#62636, 1:2,000). Green, isotype control; red, Vascular endothelial growth factor D.



Immunocytochemical staining of HepG2 cells with anti-Vascular endothelial growth factor D antibody (Cat#62636, 1:1,000). Nuclei were stained blue with DAPI; Vascular endothelial growth factor D was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.