

## Anti-VEGFA Antibody (7G18)

## Product Details

Ig Type:	Mouse IgG3
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7G18
Purification:	Protein A

## Applications

Verified Activity:	1. Immunochemical staining of human VEGFA in human liver with mouse monoclonal antibody (1:30, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of human VEGFA in human hepatoma with mouse monoclonal antibody (1:30, formalin-fixed paraffin embedded sections).
	3. Immunochemical staining of human VEGFA in human kidney with mouse monoclonal antibody (1:30, formalin-fixed paraffin embedded sections).
Application:	IHC-P
Recommended	IHC-P: 1:20-1:100

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthetic peptide: C-terminus of the Human VEGF/VEGFA
Antigen Species:	Human
Synonyms:	L-VEGF;VEGF-A;VEGF;VPF;MVCD1
Biology Area:	Cancer Drug Targets

## Research Background

Vascular endothelial growth factor (VEGF), also known as vascular permeability factor (VPF) and VEGF-A, is a potent mediator of both angiogenesis and vasculogenesis in the fetus and adult. It is a member of the platelet-derived growth factor (PDGF)/vascular endothelial growth factor (VEGF) family and often exists as a disulfide-linked homodimer. VEGF-A protein is a glycosylated mitogen that specifically acts on endothelial cells and has various effects, including mediating increased vascular permeability, inducing angiogenesis, vasculogenesis and endothelial cell growth, promoting cell migration, inhibiting apoptosis and tumor growth. VEGF-A protein is also a vasodilator that increases microvascular permeability, thus it was originally referred to as vascular permeability factor. Cancer Immunotherapy/Immune Checkpoint Immunotherapy/Targeted Therapy

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481