

Mouse VEGFA Monoclonal Antibody | anti-VEGFA antibody

VEGFA antibody

CATALOG # AAA108218	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

VEGFA; Monoclonal Antibody; VEGFA antibody; Monoclonal VEGFA; Anti-VEGFA; Vascular endothelial growth factor A; VPF; VEGF; Folliculostellate cell-derived growth factor; Glioma-derived endothelial cell mitogen; anti-VEGFA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2F7
Purity/Purification	VEGFA antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	137
Applicable Applications for anti-VEGFA antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	Vascular Endothelial Growth Factor (VEGFA) is a potent mitogen for vascular endothelial cells. It significantly influences vascular permeability and is a strong angiogenic protein. VEGF probably also plays a role in neovascularization under physiological conditions. Due to its influences on vascular permeability, VEGF may be involved in altering blood-brain-barrier functions under normal and pathological conditions.
Cross-Reactivity	Human
Immunogen	VEGFA antibody was raised in mouse using a recombinant protein expressed in E Coli corresponding to amino acids 27-233 of human VEGF as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant VEGFA protein (Right) or empty vector (Left) detected with VEGFA antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of VEGFA protein in paraffin embedded Adenocarcinoma of Human breast tissue using VEGFA antibody

ADDITIONAL INFORMATION

Related Product Information for anti-VEGFA antibody	Mouse monoclonal VEGFA antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	284172473
NCBI GeneID	7422
NCBI Accession #	NP_001165101.1
NCBI GenBank Nucleotide #	NM_001171630.1
Molecular Weight	34,406 Da
NCBI Official Full Name	vascular endothelial growth factor A isoform p
NCBI Official Synonym Full Names	vascular endothelial growth factor A
NCBI Official Symbol	VEGFA
NCBI Official Synonym Symbols	VPF; VEGF; MVCD1
NCBI Protein Information	vascular endothelial growth factor A
UniProt Protein Name	Vascular endothelial growth factor A
UniProt Gene Name	VEGFA
UniProt Synonym Gene Names	VEGF; VEGF-A; VPF
UniProt Entry Name	VEGFA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/vegfa-antibody-clone-2f7-western-blot-immunohistochemistry-elisa/108218>