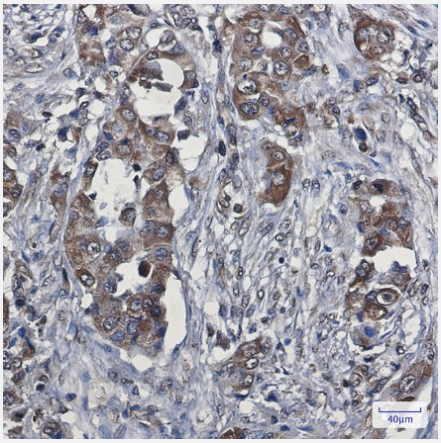
RecomAb™

VEGFD recombinant monoclonal antibody, clone R03-8H6

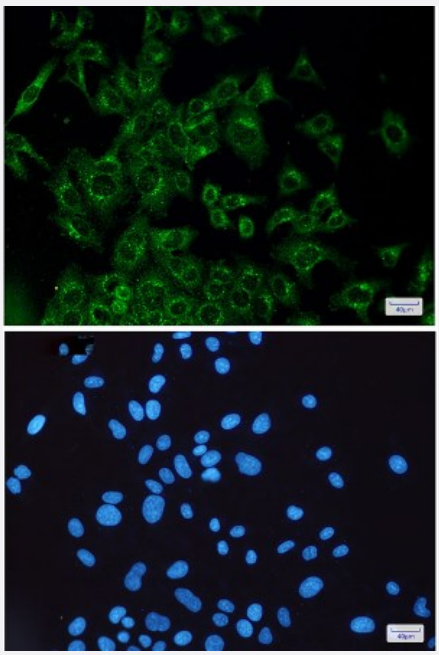
Catalog # RAB01833 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung cancer with VEGFD recombinant monoclonal antibody, clone R03-8H6 (Cat # RAB01833).



Immunocytochemistry

Immunocytochemistry staining of Hela cells with VEGFD recombinant monoclonal antibody, clone R03-8H6 (Cat # RAB01833).

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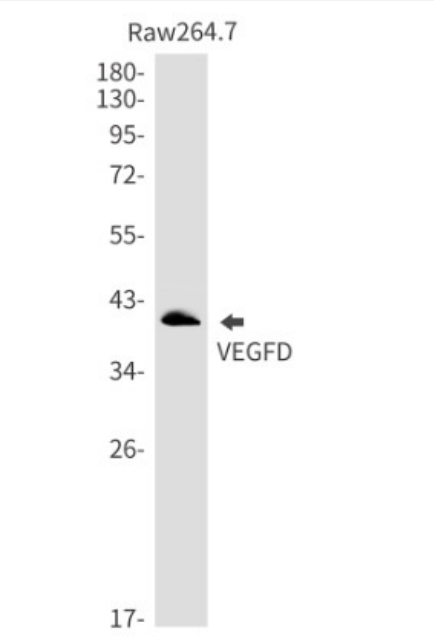
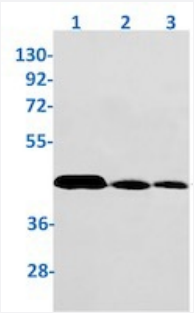


Western Blot

Western Blot analysis of Raw 264.7 lysates with VEGFD recombinant monoclonal antibody, clone R03-8H6 (Cat # RAB01833).



Western Blot

Western blot analysis of Lane1: rat brain, Lane2: C6 and Lane3: Hela lysates with VEGFD recombinant monoclonal antibody, clone R03-8H6 (Cat # RAB01833).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human VEGFD.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human VEGFD.
Theoretical MW (kDa)	Calculated MW: 40 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG

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Recommend Usage	Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung cancer with VEGFD recombinant monoclonal antibody, clone R03-8H6 (Cat # RAB01833).

- Immunohistochemistry

- Immunofluorescence

- Immunocytochemistry

  Immunocytochemistry staining of Hela cells with VEGFD recombinant monoclonal antibody, clone R03-8H6 (Cat # RAB01833).

- Western Blot

  Western Blot analysis of Raw 264.7 lysates with VEGFD recombinant monoclonal antibody, clone R03-8H6 (Cat # RAB01833).

- Western Blot

  Western blot analysis of Lane1: rat brain, Lane2: C6 and Lane3: Hela lysates with VEGFD recombinant monoclonal antibody, clone R03-8H6 (Cat # RAB01833).

Gene Info — FIGF

Entrez GeneID	2277
Protein Accession#	O43915
Gene Name	FIGF
Gene Alias	VEGF-D, VEGFD

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Gene Description	c-fos induced growth factor (vascular endothelial growth factor D)
Omim ID	300091
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family and is active in angiogenesis, lymphangiogenesis, and endothelial cell growth. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-2 and VEGFR-3 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor C. [provided by RefSeq
Other Designations	OTTHUMP00000022960|vascular endothelial growth factor D

Pathway

- Bladder cancer
- Cytokine-cytokine receptor interaction
- Focal adhesion
- mTOR signaling pathway
- Pancreatic cancer
- Pathways in cancer
- Renal cell carcinoma

Disease

- Chorioamnionitis
- Fetal Membranes
- Genetic Predisposition to Disease
- Lymphedema
- Obstetric Labor
- Pre-Eclampsia
- Premature Birth

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- Thyroid Neoplasms

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