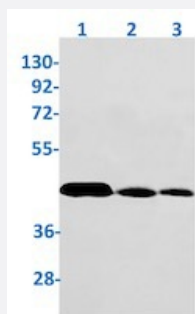


RecomAb™

VEGFD recombinant monoclonal antibody, clone R03-8H6

Catalog # RAB01833 Size 100 uL

Applications



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
Purification	Affinity purification
Isotype	IgG
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 should be handled by trained staff only.

Applications

- 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).

- Immunohistochemistry

- Immunofluorescence

Gene Info — FIGF

Entrez GeneID [2277](#)

Protein Accession# [O43915](#)

Gene Name FIGF

Gene Alias VEGF-D, VEGFD

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](#)
- [Thyroid Neoplasms](#)