

Product Information

Recombinant Anti-Human vegfb Antibody

Cat. No.: **MOM-18521**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is against Human VEGFB, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Growth factor for endothelial cells. VEGF-B167 binds heparin and neuropilin-1 whereas the binding to neuropilin-1 of VEGF-B186 is regulated by proteolysis.

Specific Activity

Tested positive against native antigen.

Target

VEGFB

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95%, by SDS-PAGE with silver staining, under reducing conditions.

Applications

Suitable for use in Neut, ELISA, FC, IP, WB and most other immunological methods.

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

ANTIGEN GENE INFORMATION

Gene Name

[VEGFB vascular endothelial growth factor B \[Homo sapiens \]](#)

Official Symbol

VEGFB

Synonyms

VEGFB; vascular endothelial growth factor B; VRF; VEGFL; VEGF-related factor

Gene ID

[7423](#)

mRNA Refseq

[NM_001243733](#)

Protein Refseq

[NP_001230662](#)

MIM

[601398](#)

UniProt ID

P49765

Chromosome Location

11q13

Pathway

Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem;

Function

chemoattractant activity; growth factor activity; heparin binding; protein binding; protein heterodimerization activity; protein homodimerization activity; vascular endothelial growth factor receptor 1 binding;