

# **VEGFR1** monoclonal antibody

Catalog: MB66912 Host:

Mouse

#### Reactivity: Human

## **BackGround:**

Galectin-3/LGALS3 is involved in several diverse biological functions. Galectin-3/LGALS3 binds IgE. Galectin-3/LGALS3 is an unusual protein in that it can be found both extracellularly and intracellularly. Intracellularly, Galectin-3/LGALS3 can localize to the cytoplasm, nucleus, or both, depending on cell type and experimental conditions. Nuclear Galectin-3/LGALS3 has been identified as a pre-mRNA splicing factor . Galectin-3/LGALS3 production has been shown to increase during inflammation and in obesity, and the protein itself can have an inflammatory effect under certain conditions . Galectin-3/LGALS3 forms a complex with 伪 3, 尾 1 integrin to act as a surface receptor on endothelial cells for the NG2 proteoglycan, which triggers cell motility and angiogenesis. In addition to these functions, Galectin-3/LGALS3 is also a required factor for the terminal differentiation of epithelial cells.

### **Product:**

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

## **Molecular Weight:**

~ 63 kDa

**Swiss-Prot:** 

P17948



This antibody is purified through a protein G column.

**Applications:** 

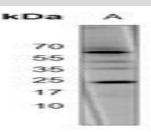
WB (1/500 - 1/1000)

**Storage&Stability:** 

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### **Specificity:**

Recognizes endogenous levels of VEGFR1 protein. **DATA:** 



Western blot analysis of VEGFR1 expression in human lung (A) whole

# cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

#### **Bioworld Technology, Inc.** Add: 1660 South Highway 100, Suite 500 St. Louis Park,

MN 55416,USA. Email: info@bioworlde.com Tel: 6123263284 6122933841 Fax:

#### Bioworld technology, co. Ltd. No 9, weidi road Qixia District Nanjing, 210046, Add: P. R. China. Email: info@biogot.com Tel: 0086-025-68037686 0086-025-68035151 Fax: