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# **Recombinant VE Cadherin Monoclonal Antibody**

catalog number: AN300834L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

## Description

Reactivity Mouse;Rat

Immunogen Recombinant Mouse VE Cadherin protein

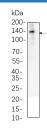
HostRabbitIsotype $IgG,\kappa$ CloneB777PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:2000-1:10000

#### Data



Western Blot with Recombinant VE Cadherin Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Mouse lung whole cell lysate.

Observed-MW:90-140 kDa Calculated-MW:88 kDa

## Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

### **Background**

This gene encodes a classical cadherin of the cadherin superfamily. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion molecule is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Functioning as a classical cadherin by imparting to cells the ability to adhere in a homophilic manner, this protein plays a role in endothelial adherens junction assembly and maintenance. This gene is located in a gene cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer.