



A Reliable Research Partner in Life Science and Medicine

# **Recombinant CD146 Monoclonal Antibody**

catalog number: AN300874L

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

#### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human CD146 protein

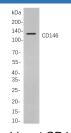
HostRabbitIsotypeIgG,κCloneB821PurificationProtein A

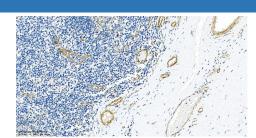
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

## Applications Recommended Dilution

**IHC** 1:1000-1:4000 **WB** 1:2000-1:10000

#### Data





Western Blot with Recombinant CD146 Monoclonal Antibody Immunohistochemistry of paraffin-embedded human tonsils at dilution of 1:1000 dilution. Lane A: Hela cells. using Recombinant CD146 Monoclonal Antibody at dilution Observed-MW:125 kDa of 1:200.

ODSCIVED-MIVI. 120 KBC

Calculated-MW:72 kDa

# **Preparation & Storage**

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

Shipping Ice bag

### **Background**

Plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissu e. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2, and a transient increase in the intracellular calcium concentration.,similarity:Contains 2 lg-like V-type (immunoglobulin-like) domains.,similarity:Contains 3 lg-like C2-type (immunoglobulin-like) domains.,tissue specificity:Detected in endothelial cells in vascular tissue throughout the body. May appear at the surface of neural crest cells during their embryonic migration. Appears to be limited to vascular smooth muscle in normal adult tissues. Associated with tumor progression and the development of metastasis in human malignant melanoma. Expressed most strongly on metastatic lesions and advanced primary tumors and is only rarely detected in benign melanocytic nevi and thin primary melanomas with a low probability of metastasis.

## For Research Use Only