

## Recombinant

## CD146 (BP6162) Rabbit mAb

db30142

Package : 100µL

**Product Name** : CD146 (BP6162) Rabbit mAb**Cat.No.:** db30142**Synonyms** : CD146; MUC18**Application** : IHC**Reactivity** : Human**Host species** : Rabbit**Background**

CD146 plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. 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/FAK1, and a transient increase in the intracellular calcium concentration.

**Immunogen**

Full length rprotein (purified) corresponding to Human Human CD146

**Swiss Prot**

P43121

**Synonyms**

CD146; MUC18

**Reactivity**

Human

**Application**

IHC

**Recommended dilution**

IHC: 1:100-1:200

**Calculated MW**

72 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

BP6162

**Isotype**

IgG

**Purity**

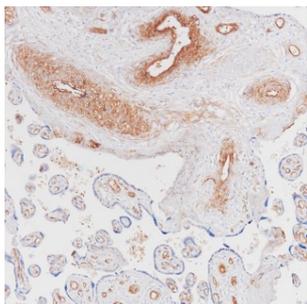
Affinity Purification

**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunohistochemistry of paraffin-embedded human placenta using CD146 antibody at dilution of 1:200 (200x lens).