

Recombinant

DGRmAb®

CD146 (DGR12926) Rabbit mAb (PBS Only)

db11170-PBS

Package : 10µg 100µg

Product Name : CD146 (DGR12926) Rabbit mAb (PBS Only)**Cat.No.:** db11170-PBS**Synonyms** : CD146; MUC18**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

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

A synthetic peptide of human CD146

Gene ID

4162

Swiss Prot

P43121

Synonyms

CD146; MUC18

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC

Calculated MW

72 kDa

Observed MW

120 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR12926

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration

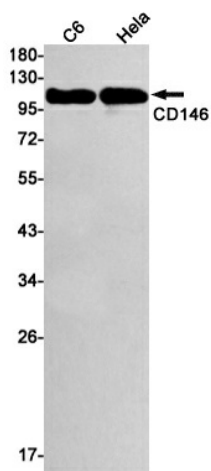
1 mg/mL

Formulation

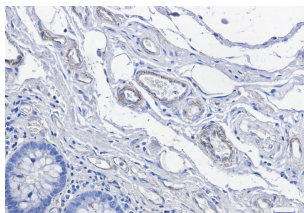
PBS Only

Storage Stability

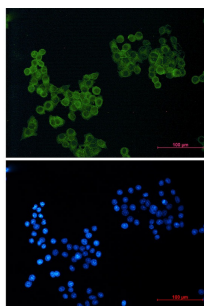
Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of CD146 in C6, HeLa cell lysates using CD146 antibody (1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using db11170 antibody.



Immunofluorescent analysis of HeLa cells using db11170 antibody (green), and DAPI (blue).