

Recombinant

DGRmAb®

CD146 (DGR12926) Rabbit mAb

db11170

Package : 10µL 20µL 50µL 100µL

Product Name : CD146 (DGR12926) Rabbit mAb**Cat.No.:** db11170**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

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:500
ICC/IF: 1:100-1:200
FC: 1:20-1:100**Calculated MW**

72 kDa

Observed MW

120 kDa

Host species

Rabbit

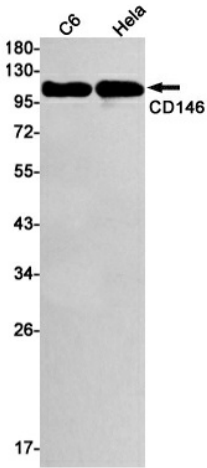
Clonality

Monoclonal

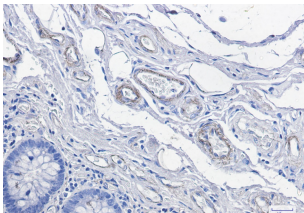
Clonality No.

DGR12926

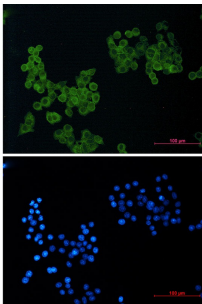
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



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).