

## CD146 antibody [C1C3]

Cat. No. GTX108777

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Reference ( 5 )  
Package  
100 µl, 25 µl

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 72 kDa. ( [Note](#) )

## PROPERTIES

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.21 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human CD146. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

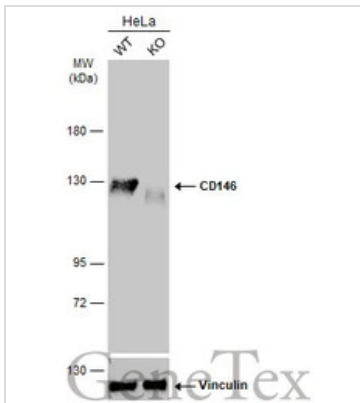
**Note** For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



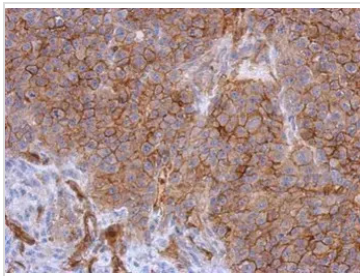
For full product information, images and publications, please visit our [website](#).

## DATA IMAGES



### GTx108777 WB Image

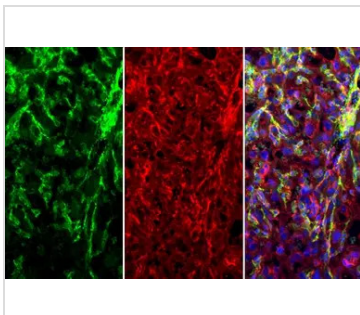
Wild-type (WT) and CD146 knockout (KO) HeLa cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with CD146 antibody [C1C3] (GTx108777) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



### GTx108777 IHC-P Image

Immunohistochemical analysis of paraffin-embedded J5 xenograft, using CD146(GTx108777) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



### GTx108777 IHC-P Image

CD146 antibody [C1C3] detects CD146 protein at cell membrane by immunohistochemical analysis.

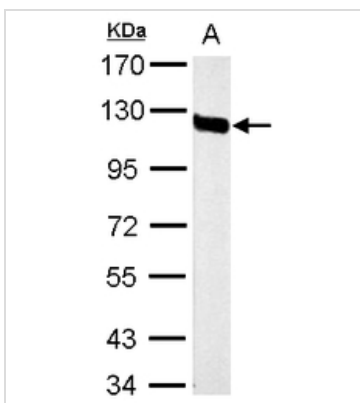
Sample: Paraffin-embedded mouse placenta.

Green: CD146 stained by CD146 antibody [C1C3] (GTx108777) diluted at 1:250.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTx628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTx30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



### GTx108777 WB Image

CD146 antibody [C1C3] detects CD146 protein by Western blot analysis.

A. 30 µg HUVEC whole cell lysate/extract

7.5 % SDS-PAGE

CD146 antibody [C1C3] (GTx108777) dilution: 1:10000



For full product information, images and publications, please visit our [website](https://www.genetex.com).