# VE-Cadherin antibody [GT1369]

## Cat. No. GTX633705

| | |
|---|---|
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Applications** | WB, ICC/IF, IHC-P |
| **Reactivity** | Human, Mouse |

References ( 5 )
Package
100 µl, 25 µl

## Applications

**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 | Assay dependent |

Not tested in other applications.

| | |
|---|---|
| **Observed MW (kDa)** | 130 kDa. |
| **Product Note** | This antibody was raised against human VE-cadherin Extracellular domain. |

## Properties

| | |
|---|---|
| **Form** | Liquid |
| **Buffer** | PBS, 20% Glycerol |
| **Preservative** | No preservatives |
| **Storage** | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles. |
| **Concentration** | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
| **Immunogen** | Synthetic peptide encompassing a sequence within the Extracellular domain of human VE-cadherin. The exact sequence is proprietary. |
| **Purification** | Affinity purified by Protein G. |
| **Conjugation** | Unconjugated |

For full product information, images and publications, please visit our website.



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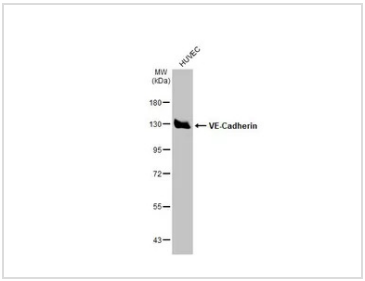
**Note**

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

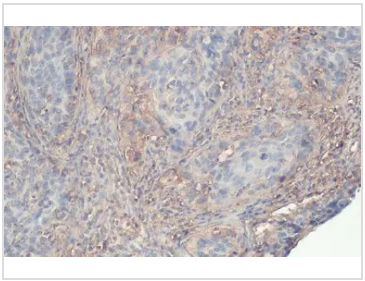
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES



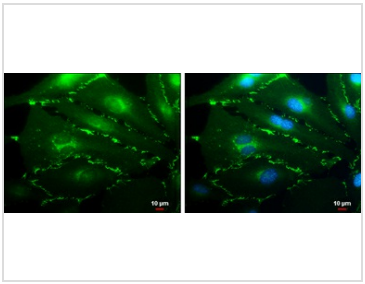

### GTX633705 WB Image

Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with VE-Cadherin antibody [GT1369] (GTX633705) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



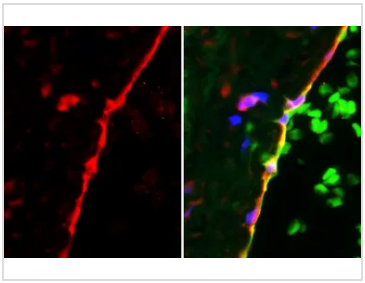
### GTX633705 IHC-P Image

VE-Cadherin antibody [GT1369] detects VE-Cadherin protein at cytoplasm by immunohistochemical analysis.
Sample: Paraffin-embedded human cervical carcinoma.
VE-Cadherin stained by VE-Cadherin antibody [GT1369] (GTX633705) diluted at 1:200.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



### GTX633705 ICC/IF Image

VE-cadherin antibody [GT1369] detects VE-cadherin protein at cell membrane by immunofluorescent analysis.
Sample: HUVEC cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: VE-cadherin protein stained by VE-cadherin antibody [GT1369] (GTX633705) diluted at 1:500.
Blue: Hoechst 33342 staining.
Scale bar = 10 µm.



### GTX633705 IHC-P Image

VE-Cadherin antibody [GT1369] detects VE-Cadherin protein by immunohistochemical analysis.
Sample: Paraffin-embedded human artery.
Green: ICAM1 [CD54] (GTX644012) diluted at 1:200.
Red: VE-Cadherin stained by VE-Cadherin antibody [GT1369] (GTX633705) diluted at 1:200.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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