

CD31 antibody [HL3414]

Cat. No. GTX641251

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human

★★★★★ Review (1)

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	Assay dependent
IHC-P	Assay dependent

Note : Antigen retrieval: EDTA buffer (pH 9.0) is preferred, though Citrate buffer (pH6.0) is also acceptable.

Not tested in other applications.

Observed MW (kDa) 100-130 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide of human CD31.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

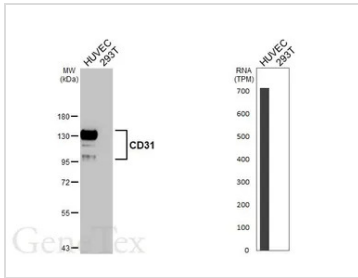
Note

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

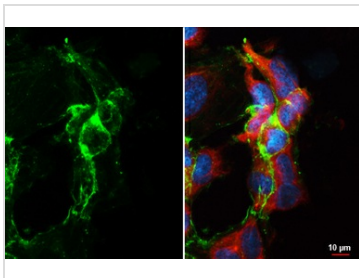
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DATA IMAGES

GTX641251 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CD31 antibody [HL3414] (GTX641251) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.


GTX641251 ICC/IF Image

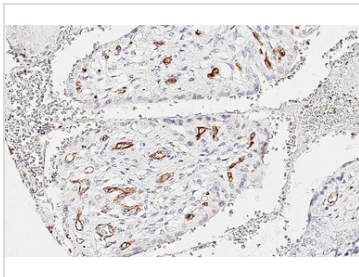
CD31 antibody [HL3414] detects CD31 protein by immunofluorescent analysis.

Sample: HUVEC cells were fixed in ice-cold MeOH for 5 min.

Green: CD31 stained by CD31 antibody [HL3414] (GTX641251) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

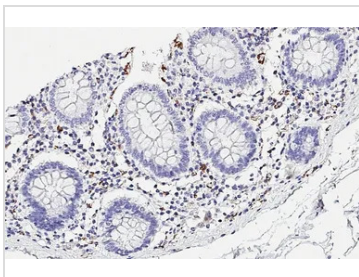

GTX641251 IHC-P Image

CD31 antibody [HL3414] detects CD31 protein by immunohistochemical analysis.

Sample: Paraffin-embedded human placenta.

CD31 stained by CD31 antibody [HL3414] (GTX641251) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX641251 IHC-P Image

CD31 antibody [HL3414] detects CD31 protein by immunohistochemical analysis.

Sample: Paraffin-embedded human colon.

CD31 stained by CD31 antibody [HL3414] (GTX641251) diluted at 1:500.

Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min



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