

CD133 antibody [N1C1]

Cat. No. GTX102109

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human

References (3)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:10000
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW 97 kDa. ([Note](#))

Product Note Based on internal testing result, this antibody may cross react with EphA5, EphA6, and EphA7.

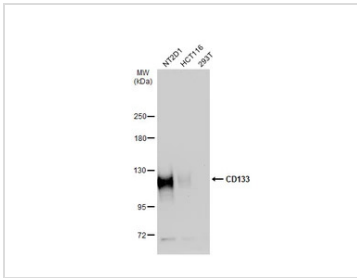
Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.01% Thimerosal
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	Recombinant protein encompassing a sequence within the Extracellular domain of human CD133. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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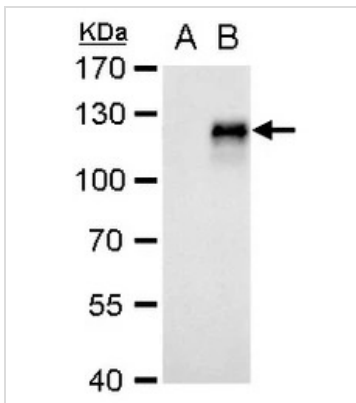
DATA IMAGES



GTx102109 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with CD133 antibody [N1C1] (GTx102109) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

The observed M.W. is based on the publication: [PMID: 29760280](https://pubmed.ncbi.nlm.nih.gov/29760280/)



GTx102109 WB Image

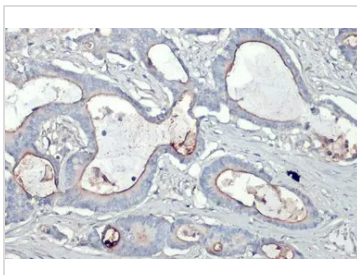
CD133 antibody [N1C1] detects CD133 protein by western blot analysis.

A. 30 µg 293T whole cell extract

B. 30 µg whole cell extract of 3xFlag-human CD133-transfected 293T cells

7.5 % SDS-PAGE

CD133 antibody [N1C1] (GTx102109) dilution: 1:5000



GTx102109 IHC-P Image

CD133 antibody [N1C1] detects CD133 protein at cell membrane by immunohistochemical analysis.

Sample: Paraffin-embedded human colon cancer.

CD133 stained by CD133 antibody [N1C1] (GTx102109) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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