

GDF5 antibody

Cat. No. GTX113580

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, Functional Assay
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	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000
Functional Assay	Assay dependent

Not tested in other applications.

Calculated MW 55 kDa. ([Note](#))

Product Note KO/KD validation is based on published data (PMID: 23226264).

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 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	0.65 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human GDF5. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



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

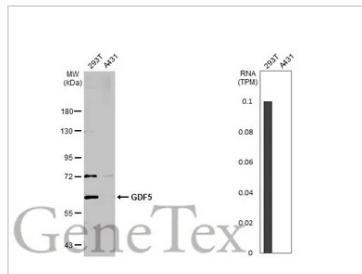
Date 2026 / 02 / 03 Page 1 of 2

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

Note

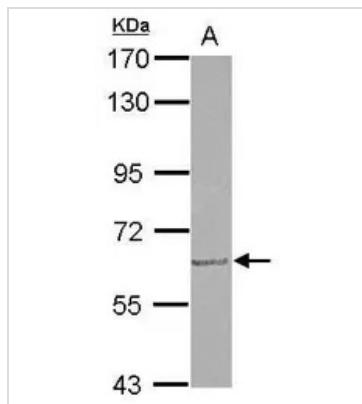
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DATA IMAGES



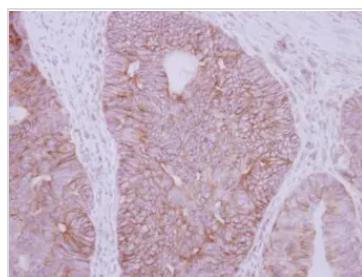
GTX113580 WB Image

Various whole cell extracts (30 μ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with GDF5 antibody (GTX113580) diluted at 1:1000. 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. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



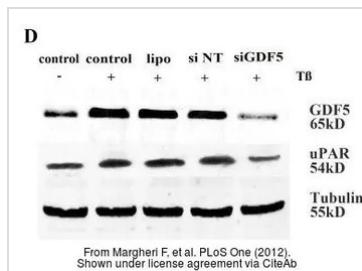
GTX113580 WB Image

Sample (30 μ g of whole cell lysate)
 A: IMR32
 7.5% SDS PAGE
 GTX113580 diluted at 1:1000



GTX113580 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using GDF5(GTX113580) antibody at 1:250 dilution.
 Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTX113580 WB Image

The data was published in the journal PLoS One in 2012. [PMID: 23226264](https://doi.org/10.1371/journal.pone.0232264)



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Date 2026 / 02 / 03 Page 2 of 2