

IDH1 (R132H Mutant) antibody [HL4884]

Cat. No. GTX644949

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

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-P (cell pellet)	Assay dependent

Not tested in other applications.

Product Note

This antibody is specific for human IDH1 (R132H Mutant) protein and does not cross react with human wild-type IDH1 protein.

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 IDH1 (R132H Mutant).
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



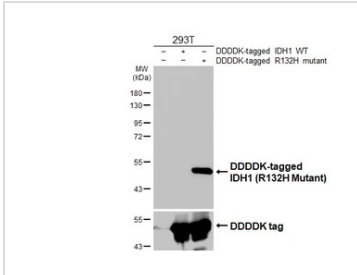
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Note

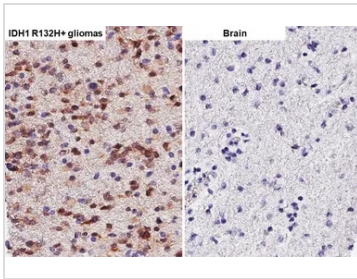
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DATA IMAGES



GTX644949 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with IDH1 (R132H Mutant) antibody [HL4884] (GTX644949) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



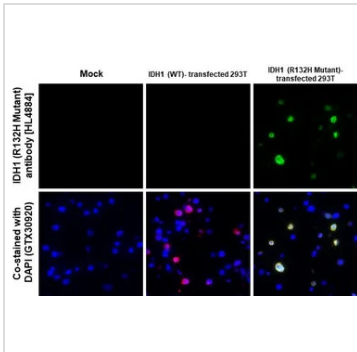
GTX644949 IHC-P Image

IDH1 (R132H Mutant) antibody [HL4884] detects IDH1 (R132H Mutant) protein by immunohistochemical analysis.

Sample: Paraffin-embedded human tissues.

IDH1 (R132H Mutant) stained by IDH1 (R132H Mutant) antibody [HL4884] (GTX644949) diluted at 1:2500.

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



GTX644949 IHC-P (cell pellet) Image

IDH1 (R132H Mutant) antibody [HL4884] detects IDH1 (R132H Mutant) protein by immunohistochemical analysis.

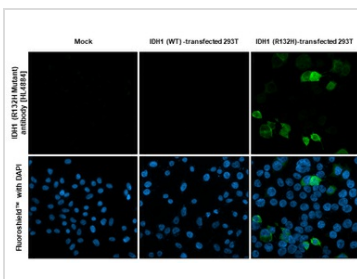
Sample: Mock, IDH1 (WT) and IDH1 (R132H Mutant) transfected 293T cell FFPE Cell Pellet Blocks.

Green: IDH1 (R132H Mutant) stained by IDH1 (R132H Mutant) antibody [HL4884] (GTX644949) diluted at 1:1000.

Red: DDDDK tag antibody [GT1216] (GTX636630) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX644949 ICC/IF Image

IDH1 (R132H Mutant) antibody [HL4884] detects IDH1 (R132H Mutant) protein by immunofluorescent analysis.

Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde.

Green: IDH1 (R132H Mutant) stained by IDH1 (R132H Mutant) antibody [HL4884] (GTX644949) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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