

Firefly Luciferase antibody

Cat. No. GTX125849

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IHC-P (cell pellet)
Reactivity	Firefly

References (10)

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-Fr	Assay dependent
IHC-P (cell pellet)	Assay dependent

Not tested in other applications.

Calculated MW 61 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.24 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of Firefly Luciferase. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

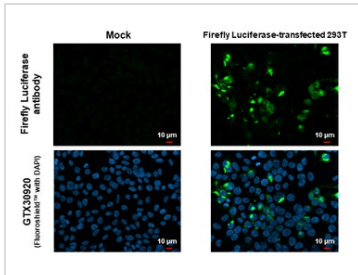
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Note

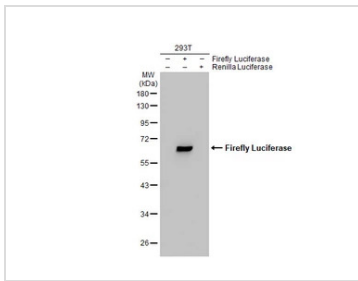
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DATA IMAGES



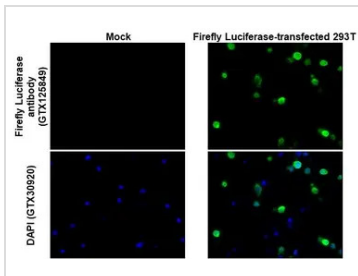
GTx125849 ICC/IF Image

Firefly Luciferase antibody detects Firefly Luciferase protein by immunofluorescent analysis.
Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: Firefly Luciferase stained by Firefly Luciferase antibody (GTx125849) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTx30920).



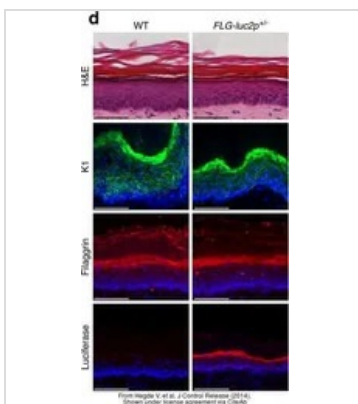
GTx125849 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with Firefly Luciferase antibody (GTx125849) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx125849 IHC-P (cell pellet) Image

Firefly Luciferase antibody detects Firefly Luciferase protein by immunohistochemical analysis.
Sample: Firefly Luciferase-transfected 293T cell FFPE Cell Pellet Block.
Green: Firefly Luciferase stained by Firefly Luciferase antibody (GTx125849) diluted at 1:1000.
Blue: Fluoroshield with DAPI (GTx30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTx125849 IHC-P Image

The data was published in the journal J Control Release in 2014. [PMID: 25449884](https://pubmed.ncbi.nlm.nih.gov/25449884/)



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