

## GFP antibody [HL1845]

**Cat. No. GTX637570**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P (cell pellet)
<b>Reactivity</b>	Species independent

References ( 1 )

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 (cell pellet)	Assay dependent

Not tested in other applications.

**Product Note** This antibody reacts with GFP variants including GFP, EGFP, and YFP.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Full length GFP recombinant protein
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

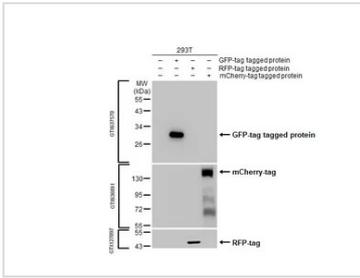
**Note**

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

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

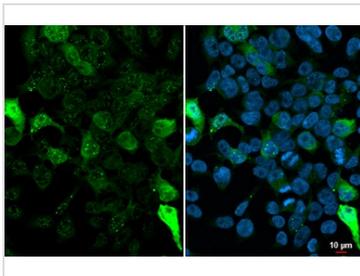
For full product information, images and publications, please visit our [website](#).

DATA IMAGES



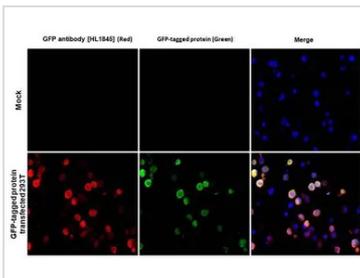
**GTX637570 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with GFP antibody [HL1845] (GTX637570) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



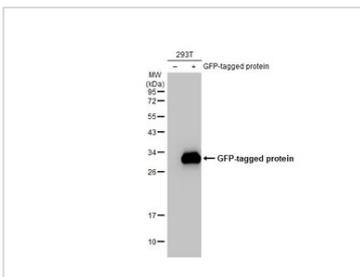
**GTX637570 ICC/IF Image**

GFP-tag antibody detects GFP tagged protein by immunofluorescent analysis.  
 Sample: GFP tagged protein transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.  
 Green: GFP tagged protein stained by GFP-tag antibody (GTX637570) diluted at 1500.  
 Blue: Fluoroshield with DAPI (GTX30920).



**GTX637570 IHC-P (cell pellet) Image**

GFP antibody [HL1845] detects GFP protein by immunohistochemical analysis.  
 Sample: Paraffin-embedded mock and GFP-tagged protein transfected 293T.  
 Red: GFP-tagged protein stained by GFP antibody [HL1845] (GTX637570) diluted at 1:1000.  
 Green: GFP-tagged protein is expressed in the transfected cells.  
 Blue: Fluoroshield with DAPI (GTX30920).  
 Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**GTX637570 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with GFP antibody [HL1845] (GTX637570) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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