

# GFP antibody

**Cat. No. GTX26673**

|                     |   |
|---------------------|---|
| <b>Host</b>         | Goat  |
| <b>Clonality</b>    | Polyclonal  |
| <b>Isotype</b>      | IgG   |
| <b>Applications</b> | WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, ELISA, IHC, Multiplexing, Purification, IHC (Free Floating) |
| <b>Reactivity</b>   | Species independent   |

References ( 38 )

Package

100 µg

## Applications

### Application Note

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

| Suggested dilution  | Recommended dilution |
|---------------------|----------------------|
| WB                  | 1:1000-1:10000       |
| ICC/IF              | 1:500                |
| IHC-P               | Assay dependent      |
| IHC-Fr              | Assay dependent      |
| FCM                 | Assay dependent      |
| IP                  | Assay dependent      |
| ELISA               | 1:10000-1:30000      |
| IHC                 | 1:200-1:1000         |
| Multiplexing        | Assay dependent      |
| Purification        | Assay dependent      |
| IHC (Free Floating) | Assay dependent      |

Not tested in other applications.

**Product Note** Anti-GFP assayed by ELISA for direct binding of antigen recognizes wild type, recombinant and enhanced forms of GFP

## Properties

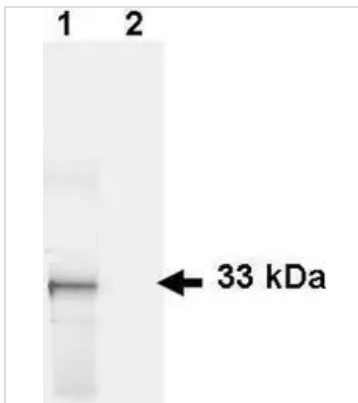
|                     |  |
|---------------------|--|
| <b>Form</b>         | Liquid   |
| <b>Buffer</b>       | 20mM Potassium Phosphate, 150mM NaCl   |
| <b>Preservative</b> | 0.01% Sodium azide   |
| <b>Storage</b>      | Store as concentrated solution. Centrifuge briefly prior to opening vial. For 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. |



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

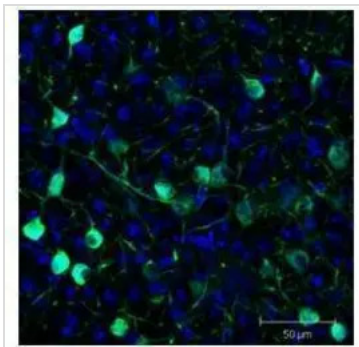
|                      |  |
|----------------------|--|
| <b>Concentration</b> | 1.1 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | Recombinant Green Fluorescent Protein (GFP) fusion protein corresponding to the full length amino acid sequence (246aa) derived from the jellyfish <i>Aequorea victoria</i> .  |
| <b>Purification</b>  | IgG fraction<br>From polyclonal serum  |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Note</b>          | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.<br><br>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. |

## DATA IMAGES



### GTx26673 WB Image

Figure 1. Western blot of GFP recombinant protein detected with GeneTex polyclonal anti-GFP antibody. Lane 1 shows detection of a 33 kDa band corresponding to a GFP containing recombinant protein (arrowhead) expressed in HeLa cells. Lane 2 shows no staining of a mock transfected HeLa cell lysate. After blocking the membrane was probed with the primary antibody diluted to 1 µg/ml for 1 h at room temperature followed by washes and reaction with a 1:2,500 dilution of donkey anti-Goat IgG [H&L].



### GTx26673 IHC-Fr Image

Sf-1+ neurons and their processes of the ventromedial nucleus of the hypothalamus in *Mus musculus* (coronal view, 20X magnification). GeneTex polyclonal goat anti-GFP was used at 1:500 dilution in free floating immunohistochemistry to detect eGFP. Fluorochrome conjugated anti-goat IgG secondary antibody was used for detection at 1:500. Sections were counterstained with DAPI. Personal Communication, Daniel A. Lee, Johns Hopkins School of Medicine, Baltimore, MD.



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