GFP antibody (FITC)

Cat. No. GTX26662

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IHC-Wm, FCM, Dot, IHC, Multiplexing
Reactivity	Species independent

References (18)
Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	>1:10000
ICC/IF	1:500-1:2500
IHC-P	Assay dependent
IHC-Fr	Assay dependent
IHC-Wm	Assay dependent
FCM	Assay dependent
Dot	Assay dependent
IHC	Assay dependent
Multiplexing	Assay dependent

Not tested in other applications.

Product Note No reaction was observed against Human, Mouse and Rat Serum Proteins.

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl, 1% BSA
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles. Protect from light.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant Green Fluorescent Protein (GFP) fusion protein corresponding to the full length amino acid sequence (246aa) derived from the jellyfish Aequorea victoria.

For full product information, images and publications, please visit our website.

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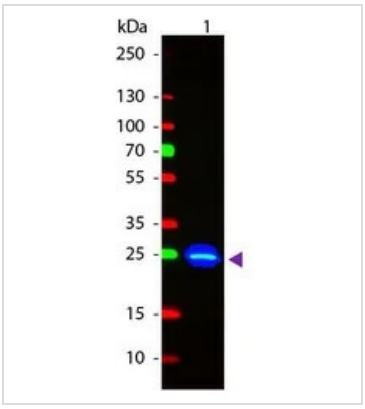
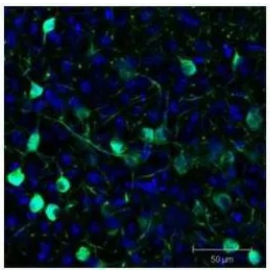
Purification	Purified by antigen-affinity chromatography. From serum
Conjugation	Fluorescein isothiocyanate (FITC) Wavelength Ratio : 3.85 molecules FITC per Goat IgG molecule.
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal 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.

DATA IMAGES



GTX26662 WB Image

Western Blot of Goat anti-GFP Fluorescein Conjugated Antibody (GTX26662). Lane 1: GFP. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Fluorescein goat secondary antibody at 1:1,000 for 60 min at RT. Block for 30 min at RT. Predicted/Observed size: 28 kDa, 33 kDa for GFP. Other band(s): None.



GTX26662 IHC-Fr Image

Immunofluorescence Microscopy of GFP-GOAT-Antibody. Tissue: Sf-1:Cre mice crossed to the Z/EG reporter line. Mouse brain (coronal view, 20X magnification). Fixation: 4%PFA/PBS with o/n fixation, and subsequently transferred to a 30% sucrose solution. Antigen retrieval: frozen in OCT freezing medium (Sakura) and cryostat sectioned at 40 microns. Primary antibody: Goat anti-GFP (GTX26662) was used at 1:500 dilution in free floating imunnohistochemistry to detect GFP. Secondary antibody: Fluorchrome conjugated Anti-goat IgG secondary antibody was used for detection at 1:500 at 1:10,000 for 45 min at RT. Localization: Sf-1+ neurons and their processes of the ventromedial nucleus of the hypothalamus. Staining: eGFP as green fluorescent signal and sections were counterstained with DAPI.

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