GFP antibody

Cat. No. GTX113617

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IHC-Wm, IP, Dot, ELISA, IHC
Reactivity	Species independent

References (215)

Review (9)

Package
100 µl, 25 µl

PRODUCT

Summary GFP antibody recognizes the green fluorescent protein (GFP), a fluorophore in widespread use in biomedical research. GFP fluorescence allows real-time study of physiological processes involving fusion proteins or GFP-expressing cells. This antibody also detects other GFP variants, including EGFP and YFP, but not red fluorescent protein (RFP).

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	1:1000-1:5000
IHC-P	Assay dependent
IHC-Fr	Assay dependent
IHC-Wm	1:100-1:500
IP	1:100-1:500
Dot	Assay dependent
ELISA	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Calculated MW	29 kDa. (Note)
Product Note	This antibody reacts with GFP variants including GFP, EGFP, and YFP.

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300

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

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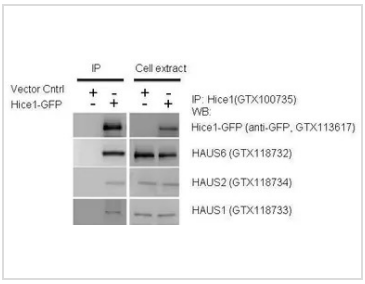
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.17 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length GFP recombinant protein
Purification	Purified by antigen-affinity chromatography.
Conjugation	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.

DATA IMAGES



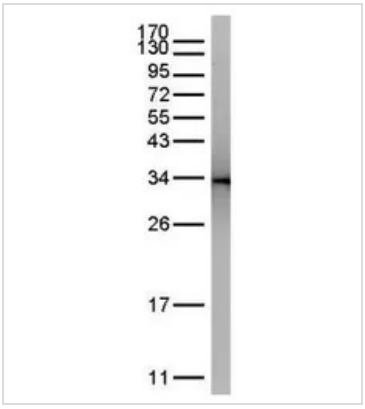
GTX113617 IHC-Wm Image

Immunohistochemical analysis (whole mount) of transgenic zebrafish embryo (fixed with ice-cold acetone), using GFP(GTX113617) antibody at 1:200 dilution.



GTX113617 WB Image

IP-WB assay to show that Hice1 (GTX113617) co-immunoprecipitated with other Augmin components HAUS6 (GTX118732), HAUS2 (GTX118734) and HAUS1 (GTX118733) in U2OS cells. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX113617 IP Image

GFP was immunoprecipitated from bacterial GFP-expressing lysate using 1 ug of anti-GFP antibody (GTX113617).
The precipitated GFP was detected by GTX113617 diluted at 1:15000.

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