

Firefly Luciferase antibody

Cat. No. GTX20498

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, IHC
Reactivity	Firefly

Package $500 \, \mu g$

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
ELISA	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Product Note

Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum as well as purified and partially purified Luciferase [Photinus pyralis (Firefly)]. No reactivity is observed against Sea pansy (Renilla reniformis) luciferase.

Properties	
Form	Liquid
Buffer	20mM Potassium Phosphate,150mM NaCl
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 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	10 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Luciferase [Photinus pyralis (Firefly)]
Purification	IgG fraction From polyclonal serum
Conjugation	Unconjugated



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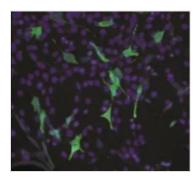


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Note

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



GTX20498 ICC/IF Image

Figure 1. Immunofluorescence microscopy. NIH3T3 cells transiently transfected with a luciferase gene. Luciferase-positive cells were detected using 20 µg/ml of GeneTex's polyclonal Anti-Luciferase antibody (GTX20498) followed by 1:200 dilution of anti-goat IgG-FITC (green). Cells were mounted using Vectashield with DAPI (blue) and visualized at 200X magnification.



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