

Bacterial Luciferase antibody (Biotin)

Cat. No. GTX20460

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, IM
Reactivity	Photobacterium fischerii

Package
100 µl

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
IM	Assay dependent

Not tested in other applications.

Product Note

Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Rabbit Serum as well as purified and partially purified Luciferase [Photobacterium fischerii].

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl, 1% BSA, 50% Glycerol
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 from Photobacterium fischerii
Purification	IgG fraction IgG fraction purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against 0.02M Potassium Phosphate, 0.15M NaCl, pH 7.2.
Conjugation	Biotin Ratio : 10-20 Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) molecules per Rabbit IgG molecule.



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Note

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