

Anti-LUCIFERASE (GOAT) Antibody Fluorescein Conjugated
Luciferase Antibody Fluorescein Conjugated
Catalog # ASR3960**Specification****Anti-LUCIFERASE (GOAT) Antibody Fluorescein Conjugated - Product Information**

Host	Goat
Conjugate	Fluorescein (FITC)
FP Value	5.6
Clonality	Polyclonal
Application	I, LCI
Application Note	Anti-Luciferase Conjugated Antibody has been tested by western blot and dot blot and is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Luciferase (Photinus pyralis (Firefly))
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide

Anti-LUCIFERASE (GOAT) Antibody Fluorescein Conjugated - Additional Information**Purity**

Anti-Luciferase Fluorescein Conjugated is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum and purified and partially purified Luciferase (Photinus pyralis (Firefly)).

Storage Condition

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-LUCIFERASE (GOAT) Antibody Fluorescein Conjugated - Protein Information

Anti-LUCIFERASE (GOAT) Antibody Fluorescein Conjugated - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-LUCIFERASE (GOAT) Antibody Fluorescein Conjugated - Images

Anti-LUCIFERASE (GOAT) Antibody Fluorescein Conjugated - Background

Anti luciferase Antibody recognizes luciferase that is commonly used in biological research as a reporter to assess the transcriptional activity in cells that are transfected with a genetic construct containing the luciferase gene under the control of a promoter of interest. Luciferase can also be used to detect the level of cellular ATP in cell viability assays or for kinase activity assays. Additionally proluminescent molecules that are converted to luciferin upon activity of a particular enzyme can be used to detect enzyme activity in coupled or two-step luciferase assays. Such substrates have been used to detect caspase activity and cytochrome P450 activity, among others.