

Datasheet for ABIN1399607  
**anti-Luciferase antibody (AbBy Fluor® 555)**



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## Overview

Quantity:	100 µL
Target:	Luciferase
Reactivity:	Firefly
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Luciferase antibody is conjugated to AbBy Fluor® 555
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from Firefly Luciferase
Isotype:	IgG
Cross-Reactivity:	Tag
Cross-Reactivity (Details):	Photinus pyralis (Common eastern firefly)
Purification:	Purified by Protein A.

## Target Details

Target:	Luciferase
Abstract:	<a href="#">Luciferase Products</a>
Background:	Synonyms: Luciferin 4-monooxygenase

## Target Details

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Background: Luciferase from the firefly has become one of the more widely used reporter proteins for the study of gene expression. Luciferase catalyzes a bioluminescent reaction which requires the substrate luciferin as well as Mg<sup>2+</sup> and ATP. Mixing these reagents with the cell extract containing luciferase, results in a flash of light that decays rapidly. This light can be detected by a luminometer. The total light emission is proportional to the luciferase activity of the sample.

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Gene ID: 7100

## Application Details

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Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months