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Datasheet for ABIN5596939 anti-Luciferase antibody (FITC)

1 Publication

Overview

Quantity:	100 µg
Target:	Luciferase
Reactivity:	Firefly
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Luciferase antibody is conjugated to FITC
Application:	Flow Cytometry (FACS), Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Luciferase (Photinus pyralis (Firefly)) Immunogen Type: Native Protein
Isotype:	IgG
Purification:	Anti-Luciferase 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)).
Labeling Ratio:	5.6

Target Details

Target:	Luciferase
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Target Details

Abstract: [Luciferase Products](#)

Background: Synonyms: FITC, Luciferase FITC, Anti-Luciferase Fluorescein Antibody
Background: Anti-Luciferase Fluorescein Conjugated 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.

Application Details

Application Notes: Flow Cytometry Dilution: User Optimized
Application Note: Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.
IF Microscopy Dilution: User Optimized

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 100 μ L
Reconstitution Buffer: Restore with deionized water (or equivalent)

Concentration: 1.0 mg/mL

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

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: 4 °C, -20 °C

Storage Comment: 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.

Expiry Date: 12 months

Product cited in:

Lobo-Jarne, Nývltová, Pérez-Pérez, Timón-Gómez, Molinié, Choi, Mourier, Fontanesi, Ugalde, Barrientos: "Human COX7A2L Regulates Complex III Biogenesis and Promotes Supercomplex Organization Remodeling without Affecting Mitochondrial Bioenergetics." in: **Cell reports**, Vol. 25, Issue 7, pp. 1786-1799.e4, (2018) ([PubMed](#)).

Fan, Tan, Li, Zhao, Yuan, Liu, Wang, Zhang: "Upregulation of miR-185 promotes apoptosis of the human gastric cancer cell line MGC803." in: **Molecular medicine reports**, Vol. 17, Issue 2, pp. 3115-3122, (2018) ([PubMed](#)).

Ercan, Han, Di Nardo, Winden, Han, Hoyo, Saffari, Leask, Geschwind, Sahin: "Neuronal CTGF/CCN2 negatively regulates myelination in a mouse model of tuberous sclerosis complex." in: **The Journal of experimental medicine**, Vol. 214, Issue 3, pp. 681-697, (2017) ([PubMed](#)).

Lampi, Faber, Huynh, Bordeleau, Zanutelli, Reinhart-King: "Simvastatin Ameliorates Matrix Stiffness-Mediated Endothelial Monolayer Disruption." in: **PLoS ONE**, Vol. 11, Issue 1, pp. e0147033, (2016) ([PubMed](#)).

Dickerman, White, Kessler, Sadler, Williams, Sen: "The protein activator of protein kinase R, PACT/RAX, negatively regulates protein kinase R during mouse anterior pituitary development." in: **The FEBS journal**, Vol. 282, Issue 24, pp. 4766-81, (2016) ([PubMed](#)).