Anti-EGFP Antibody [Clone 42-2]

Catalog Number	LDG0008YB
Package	100 µg / Customized package

For full product information, images and publications, please visit our website.

Overview

Description

EGFP is a 27 kDa fluorescent protein derived from Aequorea victoria.EGFP has F64L and S65T mutations which result in brighter green fluorescence.

Product Note

Recommended dilution factor:
ELISA: 1:5000-20000
WB: 1:1000-5000
IP: 1:500-2000
IFA: 1:500-1000
FACS: 1:500-1000

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

Specifications

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Name	clone 42-2
Immunogen	Recombinant EGFP protein
Application	ELISA, WB, IP, IFA, FACS

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Conjugation

Unconjugated

Concentration

1 mg/mL

Buffer

Phosphate Buffered Saline containing 0.03% ProClin 300, pH 7.4.

Specificity

Recognizes EGFP

Form

Liquid

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.
Suggestion: Divide antibody into several vials. Keep only vials for usage at 2-8°C.

Image

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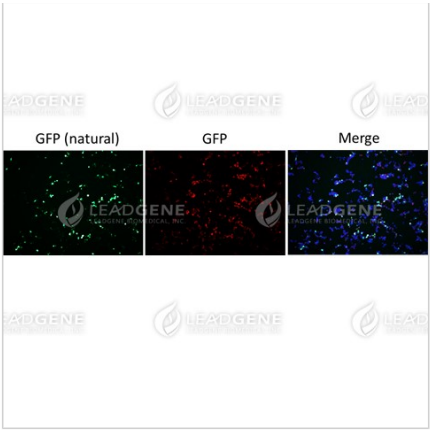
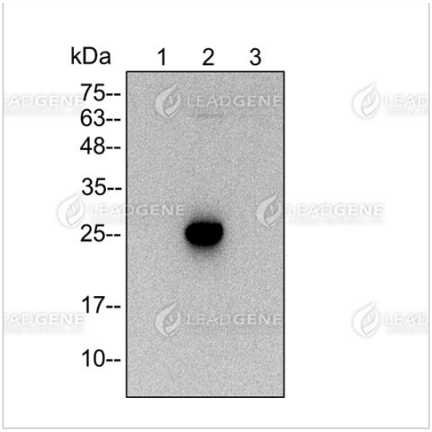


Immunofluorescent: 293T cells were transfected with an EGFP fusion protein and fixed in 4% PFA, permeabilized with PBS containing 0.1% Triton X-100. Cells were either natural fluorescence (green) or stained with mouse anti-EGFP monoclonal antibody (1:400) followed by secondary antibodies (goat anti-Mouse IgG-iFluor 594, 1:400, red) and cell nuclei were stained with Hoechst 33342 (Blue).



Western blotting analysis of anti-EGFP mAb (1:2000)
Lane 1: 293T cell lysate
Lane 2: EGFP cell lysate
Lane 3: mcherry cell lysate
Lysate at 6 µg per lane

Disclaimer : For Research Use or Further Manufacturing Only.

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