

EGFP, S65T-GFP, RS-GFP, YFP| Green Fluorescence Protein and its variants

Cat PA00037

Size 100 µl

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

EGFP, S65T-GFP, RS-GFP, YFP

Immunogen

Recombinant, His-tagged EGFP protein from Aequorea victoria, UniProt: P42212

Host

Rabbit

Clonality

Polyclonal

Purity

Serum. Contains 0.05 % sodium azide.

Format

Liquid

Storage

Store at -20°C, Avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application

Immunofluorescence (IF), Immunoprecipitation (IP), Western blot (WB)

Recommended dilution

assay dependent (IP), 1 : 4000 (IF), 1 : 2000 (WB)

Confirmed reactivity

EGFP, S65T-GFP, RS-GFP, YFP

Description

Green fluorescent protein (GFP) is originally found in the light organs of the jellyfish (*Aequorea victoria*). It is a naturally occurring fluorescent protein that, when excited by blue or ultraviolet light, emits green light with a maximum wavelength of 509 nanometers. It is widely used in the laboratory as a reporter molecule for labeling and studying cellular and subcellular proteins in living cells, with a wide range of uses. GFP protein antibodies are used in western blotting and ELISA. The molecular weight of GFP protein is 27 kDa.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY