

EGFP polyclonal antibody

Catalog: BS65530

Host: Rabbit

Reactivity: Recombinant EGFP

BackGround:

Enhanced green fluorescence protein (EGFP) is a 27 kDa protein derived from the jellyfish *Aequorea victoria*, which emits green light (emission peak at a wavelength of 509 nm) when excited by blue light (excitation peak at a wavelength of 395 nm). EGFP has become an invaluable tool in cell biology research, since its intrinsic fluorescence can be visualized in living cells. EGFP fluorescence is stable under fixation conditions and suitable for a variety of applications. EGFP has been widely used as a reporter for gene expression, enabling researchers to visualize and localize EGFP-tagged proteins within living cells without the need for chemical staining. Other applications of EGFP include assessment of protein-protein interactions through the yeast two-hybrid system and measurement of distance between proteins through fluorescence energy transfer (FRET) protocols. EGFP technology has considerably contributed to a greater understanding of cellular physiology.

Description: EGFP produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 239 amino acids and having a molecular mass of 27 kDa. EGFP is purified by proprietary chromatographic techniques.

Product:

Rabbit IgG, 1 mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH 7.2.

Molecular Weight:

Swiss-Prot:

P42212

Purification&Purity:

affinity purified by Protein A

Applications:

WB 1:1000-5000

IP 1:100-1:500

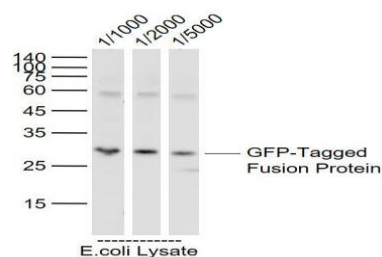
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

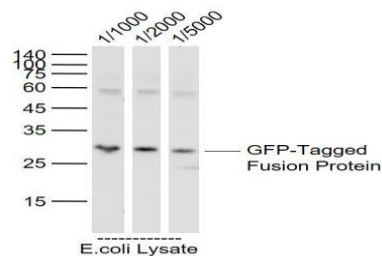
Specificity:

EGFP polyclonal Antibody detects endogenous levels of EGFP protein.

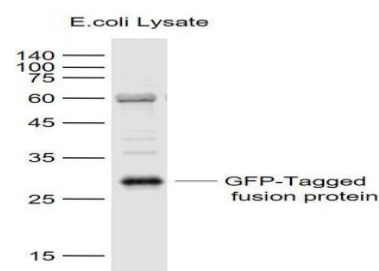
DATA:



Anti-EGFP at 1/1000 ~ 1/5000 dilution



Anti-EGFP at 1/1000 ~ 1/5000 dilution



Anti-EGFP at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151



PRODUCT DATA SHEET

Bioworld Technology, Inc.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park,
MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046,
P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151