



## **Anti-Enhanced green fluorescence protein (EGFP), Rabbit Polyclonal Antibody**

**Catalog No.:** PG-10013

**Antigen Species:** EGFP

**Host Species:** Rabbit

**Quantity:** 100  $\mu$ g

**Reactivity:** EGFP

**Form:** Antigen affinity purified antibody

**Applications:** ELISA, Western blot, IP

### **Target description**

The Enhanced Green Fluorescent Protein (EGFP) is a 29 kDa recombinant protein with Ex/Em = 488/507 nm. The green fluorescent protein was expressed and purified from transformed E. coli using a method that ensures high purity and maximal fluorescence. The EGFP protein is suitable as control reagents for expression studies.

### **Antigen**

This polyclonal antibody was raised by immunizing rabbit with the entire EGFP molecule (recombinant protein).

### **Applications**

Western Blot analysis (WB): 1,000 ~ 25,000 dilution

ELISA: 2,000 ~ 20,000 dilution

IP: 500 ~ 1,000 dilution

### **Related Products**

1. Anti-GFP, Rabbit pAb (PG-10009)

**MW  
kDa**

85

47

30

20



**Ab dilution : 25,000x**

### **Western Blot Protocol**

1. Protein sample run SDS-PAGE.
2. Blotting with semi-dry electrophoretic transfer system.
3. After transferring, rinse the transfer membrane with ddWater and let it dry.
4. Blocking transfer membrane with 5% skim milk, 0.2% sodium azide in TBS, incubate at 37°C for at least 2 hrs or 4°C O/N.
5. Wash the membrane with 0.05% Tween 20 in TBS (TBST).
6. Add primary Ab sol. and incubate at 37°C for 1 hr. (Ab is diluted in 5% Goat serum/TBS)
7. Wash the membrane 3 times with TBST.
8. Add secondary Ab (Goat anti-rabbit IgG 3000X diluted in 5% Goat serum/TBS) and incubate at 37°C for 1 hr.
9. Wash the membrane 3 times with TBST.
10. Wash the membrane with ddW.
11. Soak the membrane in BCIP/NBT substrate solution, after the color developed, wash with ddWater and let it dry.

### **Storage**

It is supplied as antigen affinity purified antibody in lyophilized powder. Redissolve the powder with 100 microliter sterile water will restore to the original concentration 1mg/ml (1×PBS). Store at 4°C for short-term application. For long-term storage, aliquot and store at -20°C.

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