

## Firefly Luciferase Rabbit monoclonal antibody

Catalog: BS40131

Host: Rabbit

Reactivity: Firefly

### BackGround:

Produces green light with a wavelength of 562 nm. Luciferase from the firefly has become one of the more widely used reporter proteins for the study of gene expression. Luciferase catalyzes a bioluminescent reaction which requires the substrate luciferin as well as Mg<sup>2+</sup> and ATP. Mixing these reagents with the cell extract containing luciferase, results in a flash of light that decays rapidly. This light can be detected by a luminometer. The total light emission is proportional to the luciferase activity of the sample.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

### Molecular Weight:

55kDa

### Swiss-Prot:

P08659

### Purification&Purity:

Affinity-chromatography

### Applications:

WB 1:1000~1:5000 ICC/IF 1:50~1:200

### Storage&Stability:

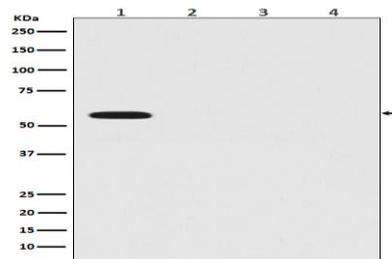
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

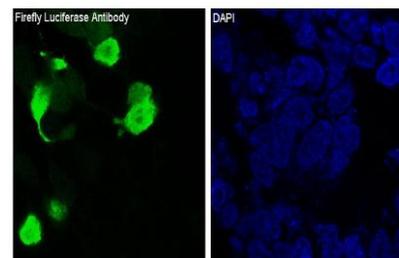
Firefly Luciferase Antibody detects endogenous levels of

total Firefly Luciferase

### DATA:



Western blot analysis of Firefly Luciferase Antibody expression in (1) Firefly Luciferase transfected 293T cell lysate; (2) HeLa cell lysate; (3) NIH/3T3 cell lysate; (4) C6 cell lysate.



Immunofluorescent analysis of 293 cells transfected with Firefly Luciferase, using Firefly Luciferase Antibody .

### Note:

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

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