

**bsm-33318M****[ Primary Antibody ]**

## Firefly Luciferase Mouse mAb



www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

### — DATASHEET —

<b>Host:</b> Mouse	<b>Isotype:</b> IgG1	<b>Applications:</b> <b>WB</b> (1:500-5000) <b>ELISA</b> (1:1000-5000)
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 11D6	
<b>Target:</b> Firefly Luciferase		<b>Reactivity:</b> (predicted: Firefly)
<b>Purification:</b> affinity purified by Protein G		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> Size : 100ul/500ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		<b>Predicted MW.:</b> 61 kDa
<b>Background:</b> 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.		<b>Subcellular Location:</b> Cytoplasm

### — SELECTED CITATIONS —

- **[IF=6.58]** Jiang Chen. et al. Inhibition of SARS-CoV-2 pseudovirus invasion by ACE2 protecting and Spike neutralizing peptides: An alternative approach to COVID19 prevention and therapy. Int J Biol Sci. 2021; 17(11): 2957–2969 IF,IHC ;Human. 34345219
- **[IF=3.9]** Hui Li. et al. Key Amino Acids in RNA Polymerase and Helicase Proteins Regulate RNA Synthesis Efficiency in Porcine Reproductive and Respiratory Syndrome Virus. J BIOL CHEM. 2025 May;;110247 WB ;Mesocricetus auratus,Monkey. 40383149