

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

Firefly Luciferase Mouse mAb



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— DATASHEET —

Host: Mouse Clonality: Monoclonal Target: Firefly Luciferase Purification: affinity purified by Protein G Concentration: 1mg/ml Storage: 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. Background: 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 ²⁺ 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.	Isotype: IgG1 CloneNo.: 11D6	Applications: WB (1:500-5000) Reactivity: (predicted: Firefly) Predicted MW.: 61 kDa Subcellular Location: Cytoplasm
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— 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