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Luciferase Monoclonal Antibody

Cat #: G-AB-05615

Host: Mouse **Reactivity:** Firefly

Isotype: IgG **Clonality:** Monoclonal

Overview:
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 Mg2+ 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.

Gene ID:

Accession #:

Immunogen: Recombinant Protein of Luciferase of Luciferase

Conjugation: Unconjugated

Swissprot: P08659

Calculated Molecular Weight:

Observed Molecular Weight: 60 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4

Purification Method: Protein A purification

Application: WB,IF

Dilution: WB 1:1000-2000

Storage: Store at -20°C. Avoid freeze / thaw cycles.