# Luciferase (2G11) Mouse mAb

**Cat No: HR1AM2416**

For research use only

## Overview

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|---|---|
| Product Name | Luciferase (2G11) Mouse mAb |
| Source | Mouse |
| Applications | WB |
| Species Reactivity | Firefly |
| Recommended Dilutions | WB 1:1,000-2,000 |
| Immunogen | |
| Species | Mouse |
| Storage | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Isotype | IgG1 |
| Clonality | Monoclonal |
| Concentration | 1mg/ml |
| Observed band | 60kDakDa |
| GeneID?Human? | N/A |
| Human Swiss-Prot No. | |
| Cellular localization | |
| Alternative Names | N/A |
| Background | Luciferase produces green light with the wavelength of 562 nm. Luciferase catalyzes the reaction: D-firefly luciferin + O2 + ATP = firefly oxyluciferin + CO2 + AMP + diphosphate + light. This antibody detects the Luciferase protein of Photinus pyralis (Common eastern firefly) (Lampyris pyralis). |