

Product Name: Luciferase(2G11)Mouse Monoclonal Antibody
Catalog #: AMM13487



Summary

Production Name	Luciferase(2G11)Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Firefly

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	
Alternative Names	
Gene ID	N/A
SwissProt ID	P08659. Synthetic Peptide of Luciferase

Application

Dilution Ratio	WB 1:1000-2000
Molecular Weight	60kDa

Background

Luciferase from the firefly has become one of the more widely used reporter proteins for the study of gene expression.

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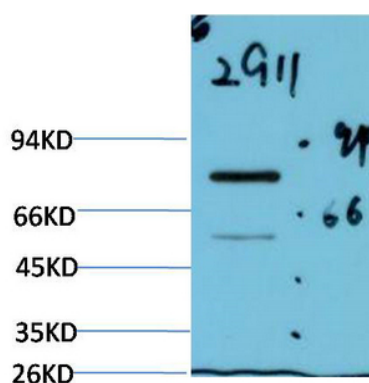


Luciferase catalyzes a bioluminescent reaction which requires the substrate luciferin as well as Mg^{2+} and ATP. Mixing these reagents with the cell extract containing luciferase, results in a flash of light that decays rapidly. This light can be detected by a luminometer. The total light emission is proportional to the luciferase activity of the sample.

bioluminescence, oxidation reduction,

Research Area

Image Data



Western blot analysis of Firefly Luciferase Transfected Hela Cell Lysate using Luciferase Mouse mAb diluted at 1:2000.

Note

For research use only.