

Mouse anti-Firefly Luciferase Monoclonal Antibody | anti-Luciferase antibody

Luciferase Monoclonal Antibody

CATALOG # AAA173670	HOST Mouse	REACTIVITY Firefly	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Luciferase; Monoclonal Antibody; Luciferase Monoclonal Antibody; ec 1.13.12.7; Firefly; Luciferin 4 monooxygenase; anti-Luciferase antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Firefly
Clonality	Monoclonal
Isotype	IgG
Clone Number	2C2
Purity/Purification	Protein A purification
Form/Format	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
Applicable Applications for anti-Luciferase antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant Protein of Luciferase
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of Mouse heart tissue using Luciferase Monoclonal Antibody at dilution of 1:200.


WB (Western Blot)

Western Blot analysis of Luciferase protein using Luciferase Monoclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-Luciferase antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126501
UniProt Accession #	P08659; Q27755

Molecular Weight	60kDa
NCBI Official Full Name	Luciferin 4-monooxygenase
UniProt Protein Name	Luciferin 4-monooxygenase
UniProt Gene Name	Luciferase
UniProt Synonym Gene Names	Luciferase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/luciferase-antibody-clone-2c2-immunofluorescence-western-blot-elisa/173670>