

For Research Use Only

# luciferase Monoclonal antibody

Catalog Number: 60158-1-Ig **2 Publications**



## Basic Information

Catalog Number:

60158-1-Ig

Size:

150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG13000

GenBank Accession Number:

AY015993

GeneID (NCBI):

Full Name:

Calculated MW:

20 kDa

Purification Method:

Caprylic acid/ammonium sulfate precipitation

CloneNo.:

1F2C12

Recommended Dilutions:

WB 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

Cited Species:

human, mouse

Positive Controls:

WB : Recombinant protein,

## Background Information

Luciferase is a generic term for the class of oxidative enzymes used in bioluminescence and is distinct from a photoprotein. The immunogen of this antibody the luciferase(AY015993) from the copepod marine organism *Gaussia princeps*. This antibody is a McAb to Luciferase.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yuanjun Zhu	36793212	Mol Ther	WB
Maria Merezko	24932508	PLoS One	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

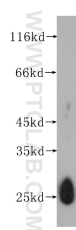
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## Selected Validation Data



Recombinant protein were subjected to SDS PAGE followed by western blot with 60158-1-Ig (dNGLUC antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.