

For Research Use Only

# luciferase Monoclonal antibody

Catalog Number: 60158-1-Ig 2 Publications



## Basic Information

Catalog Number:

60158-1-Ig

Size:

1000 µg/ml

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

For technical support and original validation data for this product please contact:

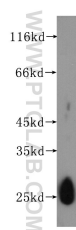
T: 4006900926

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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.