Firefly Luciferase Recombinant Antibody | Luciferase recombinant antibody

Firefly Luciferase Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315172	**Rabbit**	**Firefly**	**Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Firefly Luciferase; Monoclonal Recombinant Antibody; Firefly Luciferase Rabbit mAb; Luciferase; Firefly; Luciferin 4 monooxygenase; Luciferase recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Firefly
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	Firefly Luciferase Antibody detects endogenous levels of total Firefly Luciferase
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for Luciferase recombinant antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from Firefly Luciferase
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of 293 cells transfected with Firefly Luciferase, using Firefly Luciferase Antibody .

WB (Western Blot)
Western blot analysis of Firefly Luciferase Antibody expression in (1) Firefly Luciferase transfected 293T cell lysate; (2) HeLa cell lysate; (3) NIH/3T3 cell lysate; (4) C6 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for Luciferase recombinant antibody	Produces green light with a wavelength of 562 nm. 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.
Product Categories/Family for Luciferase recombinant antibody	Recombinant Rabbit Monoclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	126501

UniProt Accession #	P08659; Q27755
Molecular Weight	60,745 Da
NCBI Official Full Name	Luciferin 4-monooxygenase
UniProt Protein Name	Luciferin 4-monooxygenase
UniProt Gene Name	**Luciferase**
UniProt Synonym Gene Names	Luciferase
UniProt Entry Name	LUCI_PHOPY

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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/firefly-luciferase-recombinant-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/315172