

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

Luciferase Mouse Monoclonal Antibody (6B8)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320515	Mouse	Firefly	Western Blot, Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

Luciferase; Monoclonal Antibody; Luciferase Mouse Monoclonal Antibody (6B8); anti-Luciferase antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Firefly
Clonality	Monoclonal
Clone Number	6B8
Specificity	Luciferase protein detects endogenous levels of Luciferase
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Luciferase antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	Luciferase protein detects endogenous levels of Luciferase
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HEK293T cells transfected with Luciferase . 1.Luciferase Mouse Monoclonal Antibody(6B8)(green) was diluted at 1:200(4 degree C.overnight). 2. Dylight 488 labled Secondary antibody was diluted at 1:300 room temperature. 30min(Assay Biotech SA0403). DAPI(blue) 10min.



WB (Western Blot)

Western Blot analysis of over-expressed Luciferase protein using antibody diluted at 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.
Product Categories/Family for anti-Luciferase antibody	Primary Antibodies

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/luciferase-antibody-clone-6b8-western-blot-immunocytochemistry-immunofluorescence-elisa/320515>