

# Firefly luciferase Monoclonal Antibody (Luci 21 1-107)

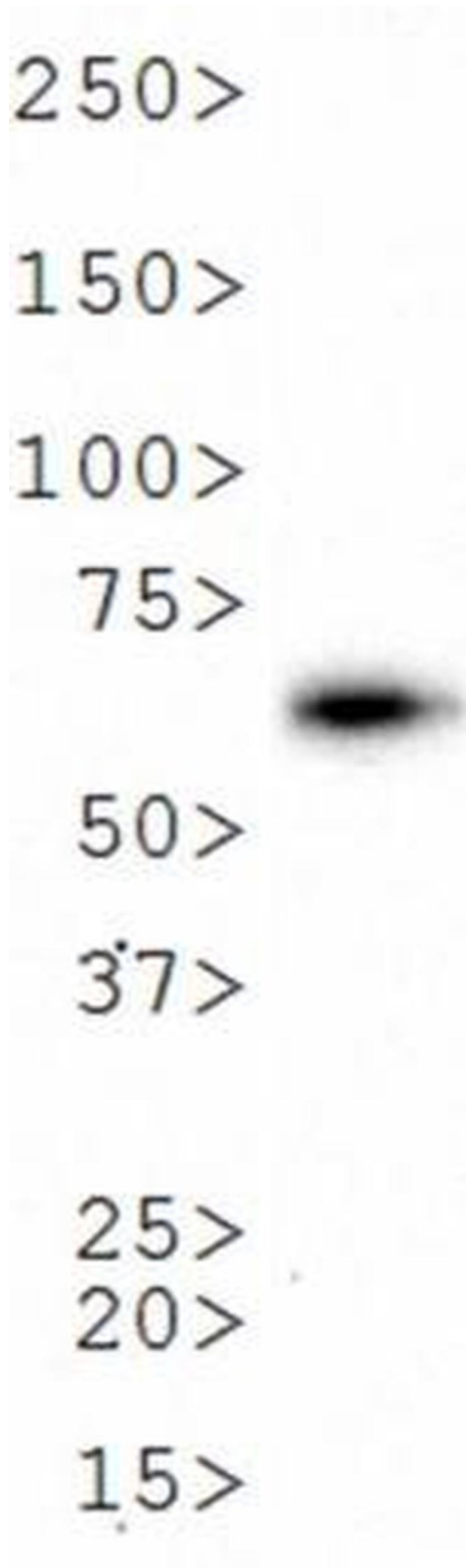
Product Details	
Size	100 µL
Species Reactivity	Luciferase
Published Species	Mouse, Human
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	Luci 21 1-107
Conjugate	Unconjugated
Immunogen	Luciferase protein from firefly, Photinus pyralis.
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein A/G
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_568609

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	1 Publication
Flow Cytometry (Flow)	1:200	-

## Product Specific Information

Suggested positive control: purified Luciferase protein or Luciferase expressed in Drosophila.

Product Images For Firefly luciferase Monoclonal Antibody (Luci 21 1-107)



**Firefly luciferase Antibody (MA1-16880) in WB**  
Western blot analysis of Firefly luciferase in Luciferase Protein. Sample was incubated in Firefly luciferase monoclonal antibody (Product # MA1-16880).

Immunohistochemistry (2)

<p>EMBO reports</p> <p><b>Reprogramming of glucocorticoid receptor function by hypoxia.</b></p> <p>"MA1-16880 was used in Immunohistochemistry to investigate the impact of hypoxia on the hepatic response of glucocorticoid receptor (GR) to dexamethasone (DEX) in mice via RNA-sequencing."</p> <p>Authors: Vanderhaeghen T,Timmermans S,Watts D,Paakinaho V,Eggermont M,Vandewalle J,Wallaey S, Van Wyngene L, Van Looveren K,Nuytens L,Dewaele S,Vanden Berghe J,Lemeire K,De Backer J,Dirkx L,Vanden Berghe W,Cajlon G,Ghesquiere B,De Bosscher K,Wielockx B,Palvimo JJ,Beyaert R,Libert C</p>	<p>Year 2022</p> <p>Species Mouse</p> <p>Dilution 1:1000</p>
<p>Cancer research</p> <p><b>Transcriptional Repression of SIRT3 Potentiates Mitochondrial Aconitase Activation to Drive Aggressive Prostate Cancer to the Bone.</b></p> <p>"MA1-16880 was used in Immunohistochemistry to show that transcriptional repression of mitochondrial deacetylase sirtuin 3 (SIRT3) by androgen receptor (AR) and its coregulator steroid receptor coactivator-2 (SRC-2) enhances mitochondrial aconitase (ACO2) activity to favor aggressive prostate cancer."</p> <p>Authors: Sawant Dessai A,Dominguez MP,Chen UI,Hasper J,Prechtl C,Yu C,Katsuta E,Dai T,Zhu B,Jung SY,Putluri N, Takabe K,Zhang XH,O'Malley BW,Dasgupta S</p>	<p>Year 2021</p> <p>Species Mouse</p>

Immunocytochemistry (1)

<p>Cell cycle (Georgetown, Tex.)</p> <p><b>Modified ARCA analogs providing enhanced translational properties of capped mRNAs.</b></p> <p>"MA1-16880 was used in Immunocytochemistry to exploit translational properties of mRNA capped with the ARCA (anti-reversed cap) analogs modified within N2 position of purine moiety s."</p> <p>Authors: Kocmik I,Piecyk K,Rudzinska M,Niedzwiecka A,Darzynkiewicz E,Grzela R,Jankowska-Anyszka M</p>	<p>Year 2019</p> <p>Species Human</p>
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