

荧光素酶单克隆抗体

产品货号： mlR33318

英文名称： Firefly Luciferase

中文名称： 荧光素酶单克隆抗体

别 名： ec 1.13.12.7; Firefly; Firefly Luciferase Luciferase; Luciferin 4 monooxygenase.

产品类型： 标签抗体

研究领域： 激酶和磷酸酶 昆虫

抗体来源： Mouse

克隆类型： Monoclonal

克 隆 号： 11D6

交叉反应： Fruit Fly,



产品应用：WB=1:500-5000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量：61kDa

细胞定位：细胞浆

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human Firefly Luciferase:

亚型：IgG1

纯化方法：affinity purified by Protein G

储存液：0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件：Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : 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 Mg^{2+} 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.

Function:

Produces green light with a wavelength of 562 nm.

Subcellular Location:

Peroxisome.

Similarity:

Belongs to the ATP-dependent AMP-binding enzyme family.

SWISS:

N/A

Gene ID:

N/A

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

