

Anti-Firefly Luciferase Antibody (9A579)

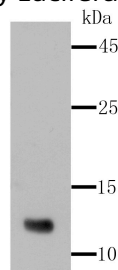
Product Details

Ig Type:	IgG
Reactivity:	Firefly
Conjugation:	Unconjugated
Clone:	9A579
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of Firefly Luciferase on luciferase recombinant protein lysate using anti-Firefly Luciferase antibody at 1/1,000 dilution.



Application:	ICC,IF,WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P08659
Synonyms:	Firefly;EC 1.13.12.7;Firefly Luciferase Luciferase;Luciferin 4 monooxygenase

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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