

Luciferase mouse Monoclonal Antibody(9D6)

Description

| | |
|-------------------------|---------------------------------|
| Product type | Primary Antibody |
| Code | BT-MCA0856 |
| Host | Mouse |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | Synthetic Peptide of Luciferase |
| Mol wt | N/A |
| Species reactivity | Firefly |
| Clonality | Monoclonal |
| Recommended application | WB |
| Concentration | 1 mg/ml |
| Full name | Luciferase |
| Synonyms | N/A |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

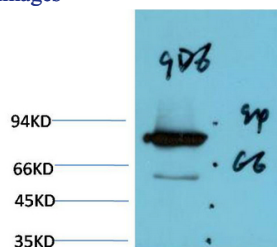
Luciferase from the firefly has become one of the more widely used reporter proteins for the study of gene expression. Luciferase catalyzes a bioluminescent reaction which requires the substrate luciferin as well as Mg^{2+} and ATP. Mixing these reagents with the cell extract containing luciferase, results 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.

Recommended Dilution

WB: 1:1000-2000

Not yet tested in other applications.

Images



Western blot analysis of Firefly Luciferase Transfected HeLa Cell Lysate using Luciferase Mouse Monoclonal antibody diluted at 1:2000.

Storage

-20°C for one year