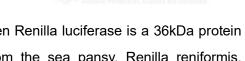


Anti-Renilla Luciferase Rabbit Monoclonal Antibody

Introduction



Renilla luciferin + O2 = oxidized Renilla luciferin + CO2 + light. The Green Renilla luciferase is a 36kDa protein produced by a derivative of the wild type Renilla luciferase gene from the sea pansy, Renilla reniformis. Compared to the wild type luciferase, Green Renilla is more stable in serum and has an the emission spectrum that is shifted toward the green region. The protein provides extremely bright flash signal that decays rapidly.

Product parameters

| Alternative Names | Renilla-type luciferase; Renilla luciferin 2 monooxygenase |
|--------------------|---------------------------------------------------------------------------------------------------|
| Gene ID | - |
| Gene Name | - |
| SwissProt ID | P27652 |
| Host | Rabbit |
| Reactivity | Renilla Luciferase |
| Molecular Weight | Calculated MW: 36 kDa; Observed MW: 36 kDa |
| Conjugation | Unconjugated |
| Ex | - |
| Em | - |
| Modification | Unmodified |
| Clonality | IgG |
| Isotype | Monoclonal Antibody |
| Clonality No. | AP-12B7A10 |
| Form | Liquid |
| Concentration | See label |
| Carrier | Carrier Free |
| Immunogen | A synthesized peptide derived from Renilla Luciferase |
| Purification | Affinity Chromatography |
| Buffer System | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Application | WB, ICC/IF |
| Dilution Ratio | WB: 1/500-1/1000 IF: 1/50-1/200 |
| Research Field | Cell Biology |
| Product Categories | Primary antibody |

| Shipping | Blue ice |
|-----------------|----------------------------------|
| Storage | -20°C |
| Expiration Date | 12 months |
| Note | Please avoid freeze-thaw cycles. |

| Protocol



Configure the product according to the application range and recommended dilution ratio.

*Note: The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.





