

#### DESCRIPTION

|                     |                                                                                                                                                                                                                                                                             |
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| <b>Specificity</b>  | Detects NanoLuc® (Nluc) Luciferase in direct ELISAs. In Western blots, no cross-reactivity with Large BiT is observed.                                                                                                                                                      |
| <b>Source</b>       | Monoclonal Mouse IgG <sub>2A</sub> Clone # 965853                                                                                                                                                                                                                           |
| <b>Purification</b> | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                  |
| <b>Immunogen</b>    | Synthetic peptide for NanoLuc® (Nluc) Luciferase                                                                                                                                                                                                                            |
| <b>Conjugate</b>    | Alexa Fluor 350<br>Excitation Wavelength: 346 nm<br>Emission Wavelength: 442 nm                                                                                                                                                                                             |
| <b>Formulation</b>  | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide<br><br>*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |

#### APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

**Western Blot** Optimal dilution of this antibody should be experimentally determined.

#### PREPARATION AND STORAGE

**Shipping** The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

**Stability & Storage** Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

#### BACKGROUND

NanoLuc® (Nluc) luciferase is a small enzyme (19.1kDa) engineered for optimal performance as a luminescent reporter. NanoLuc® Binary Technology (NanoBiT™) is a two subunit system based on NanoLuc® luciferase. Large BiT (LgBiT; 17.6kDa) is the large subunit of the NanoBiT® system.

#### PRODUCT SPECIFIC NOTICES

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