Luciferase Alexa Fluor® 594-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 965853

Catalog Number: FAB100261T

100 µg

DESCRIPTION

Specificity	Detects NanoLuc® (Nluc) Luciferase in direct ELISAs. In Western blots, no cross-reactivity with Large BiT is observed.
Source	Monoclonal Mouse IgG_{2A} Clone # 965853
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Synthetic peptide for NanoLuc® (Nluc) Luciferase
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *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.

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