

Product Datasheet

Luciferase Antibody (Luci 21 1-107) - Azide and BSA Free NBP2-80837

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-80837

Luciferase Antibody (Luci 21 1-107) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	Luci 21 1-107
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse Luciferase Antibody (Luci 21 1-107) - Azide and BSA Free (NB600-307) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Firefly
Reactivity Notes	Photinus pyralis (North American firefly).
Specificity/Sensitivity	This Luciferase Antibody (Luci 21 1-107) is specific for Luciferase, recognizing a peptide consisting of the first 258 amino acids. Further epitope mapping has not been done at this time.
Immunogen	This Luciferase Antibody (Luci 21 1-107) was developed against luciferase protein from Photinus pyralis (North American firefly). [UniProt# P08659].
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:200. Use reported by customer review, Immunohistochemistry 1:100 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:100 - 1:1000, Immunohistochemistry-Paraffin 1:100 - 1:1000, Immunohistochemistry-Frozen reported in scientific literature (PMID 31069316), CyTOF-ready
Application Notes	Western blot has been tested with Drosophila embryos. Purified Luciferase protein and Luciferase expressed in Drosophila adult co-migrate on Western blots with a band seen at ~61 kDa, representing Luciferase.

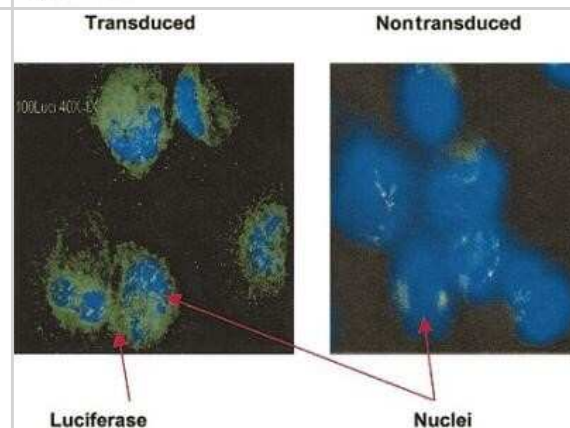


Images

Western Blot: Luciferase Antibody (Luci 21 1-107) - Azide and BSA Free [NBP2-80837] - WB analysis of NB600-307 on Luciferase Protein (NB810-74573) Image from the standard format of this antibody.

250>
150>
100>
75>
50>
37>
25>
20>
15>

Immunohistochemistry: Luciferase Antibody (Luci 21 1-107) - Azide and BSA Free [NBP2-80837] - Detection of Luciferase expression in CD34+ cells by Immunohistochemistry. Cytospin slides prepared from transduced CD34+ cells after 3 days of culture were stained with monoclonal anti-Luciferase antibody. Luciferase-positive cells have green cytoplasm;





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Products Related to NBP2-80837

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-48355-0.1mg	Recombinant Firefly Luciferase His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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