

Product Datasheet

NEUROBIOTIN(R) [488 Tracer]

SP-1125-2-NB

Unit Size: 2 mg

Desiccate at +4C

www.novusbio.com



technical@novusbio.com

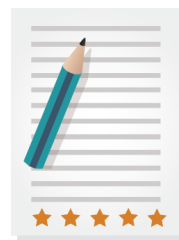
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SP-1125-2-NB**NEUROBIOTIN(R) [488 Tracer]**

Product Information	
Unit Size	2 mg
Concentration	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
Storage	Desiccate at +4C
Conjugate	488 Tracer
Product Description	
Description	NEUROBIOTIN 488 Tracer is a tri-functional molecule designed for neuronal tracing and cell filling. Features Bright green fluorophore, similar in fluorescence to fluorescein, Cy2 or Alexa Fluor® 488 Biotin label with a biotinidase-resistant linkage Fixable primary amine Used for visualizing neural architecture and for the identification of gap junction coupling Can be used in many types of preparations including in vivo, whole mounts, slice preparations, or cultured cells Can be delivered by many routes such as intracellular electrodes, microinjection, cut-loading, or scrape-loading Advantages of NEUROBIOTIN Tracer over biocytin and other neuronal labels Better solubility More efficiently iontophoresed Remains in cell longer Non-toxic Can be fixed with formalin or glutaraldehyde
Notes	This product is manufactured by Vector Laboratories and distributed by Novus Biologicals.
Product Application Details	
Application Notes	Once in solution, store frozen. NEUROBIOTIN 488 is soluble under the following conditions. Solvents and concentrations will require optimization depending on the application. Up to 10% in 3.0 M Tris, pH 8.8 Up to 2% in 0.25 M Tris, pH 8.8 or 0.25 M Tris, 1.0 M NaCl, pH 8.8 Up to 2% in 0.1 M bicarbonate buffer, pH 8.5 or 0.25 M bicarbonate, 1.0 M NaCl, pH 8.5 Up to 0.5% in 0.13 M cesium gluconate, 10 mM HEPES, pH 7.2 Up to 10% in DMSO

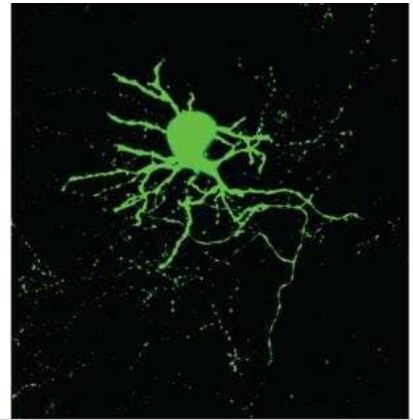


Images

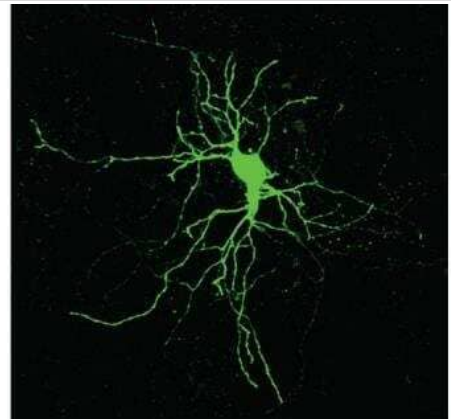
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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Support products are guaranteed for 6 months from date of receipt.

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