

Product Datasheet

Lightning-Link (R) Fluorescein Antibody Labeling Kit 707-0015

Unit Size: 1 mg

Store at -20C.

www.novusbio.com



technical@novusbio.com

Publications: 26

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/707-0015

Updated 5/1/2024 v.20.1

**Earn rewards for product
reviews and publications.**

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/707-0015



707-0015**Lightning-Link (R) Fluorescein Antibody Labeling Kit**

Product Information	
Unit Size	1 mg
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C.
Conjugate	FITC
Product Description	
Description	<p>Lightning-Link antibody labeling kits enable the direct labeling of antibodies, proteins, peptides or other biomolecules for use in R&D applications, drug discovery and the development of diagnostic kits (See protocol for further information).</p> <p>Our Fluorescein antibody labeling kit enables the direct conjugation of Fluorescein to any biomolecule with an available amine group. The researcher simply pipettes the antibody or other biomolecule into the vial of Lightning-Link Fluorescein and incubates for 3 hours.</p> <p>FeaturesQuick and easy to use BenefitsSave time, no special knowledge required No separation steps 100% recovery - no antibody/protein loss Can be used in a wide range of applications Flexible Freeze dried Ships at ambient temperature, long shelf-life Fully scalable (10 ug to 1 g or more) Easy transfer from R&D to manufacturing Stringently QC tested Consistent high quality, excellent batch-to-batch reproducibility Large number of labels available Experimental flexibility Reliable: nearly 300 references Successfully used in many fields of research</p> <p>Fluorescein is one of the most popular fluorescent reagents used in biological research because of its water solubility, intense fluorescence and high absorptivity. It has a peak excitation occurring at 498nm and peak emission of 532nm.</p> <p>Learn more about Lightning-Link™ Conjugation Kits by reading FAQs</p> <p>For more information please check out these useful links! Antibody Labeling Guide Antibody Conjugation Illustrated Assay</p>
Kit Components	1 or 3 glass vial(s) of Lightning-Link mix, 1 vial of LL-Modifier reagent, 1 vial of LL-Quencher reagent
Notes	<p>This product is manufactured by Abcam and distributed by Novus Biologicals.</p> <p>This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt and this statement overrides any mentioned guarantee period on the limitations section of this products datasheet. Please contact technical@novusbio.com with questions.</p>
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence

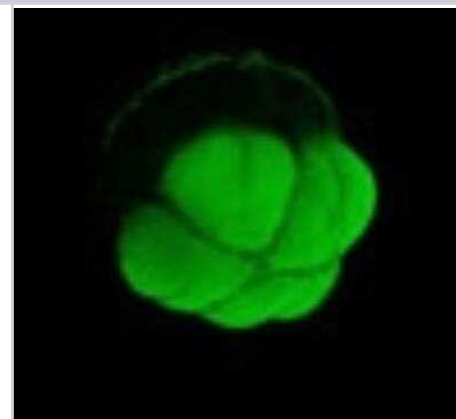


Application Notes

By circumventing the desalting or dialysis steps that commonly interrupt traditional antibody conjugation procedures, LightningLink technology can be used to label both small (e.g. 10 ug) and large quantities of primary antibodies with ease. Batch-to-batch variation upon scale up is minimal as the process is so simple, and recoveries are always 100%.

Images

Immunocytochemistry/Immunofluorescence: Lightning-Link Fluorescein Antibody Labeling Kit [707-0015]



Publications

Do DC, Yang S, Yao X et al. N-glycan in cockroach allergen regulates human basophil function. *Immun Inflamm Dis*. 2017-01-01 [PMID: 28474843]

Yasmin AR, Yeap SK, Tan SW et al. In vitro characterization of chicken bone marrow-derived dendritic cells following infection with very virulent infectious bursal disease virus. *Avian Pathol*. 2015-01-01 [PMID: 26305169]

Pieper IL, Radley G, Chan CH et al. Quantification methods for human and large animal leukocytes using DNA dyes by flow cytometry *Cytometry A*. 2016-06-01 [PMID: 27271958] (FLOW)

Khairalla AS, Omer SA, Mahdavi J et al. Nuclear trafficking, histone cleavage and induction of apoptosis by the meningococcal App and MspA autotransporters. *Cell Microbiol* 2015-01-01 [PMID: 25600171]

Rodgers JM, Robinson AP, Rosler ES et al. IL-17A activates ERK1/2 and enhances differentiation of oligodendrocyte progenitor cells. *Glia* 2014-01-01 [PMID: 25557204]

Robinson AP, Rodgers JM, Goings GE, Miller SD. Characterization of Oligodendroglial Populations in Mouse Demyelinating Disease Using Flow Cytometry: Clues for MS Pathogenesis. *PLoS One* 2014-01-01 [PMID: 25247590] (FLOW)

Sladojevic N, Stamatovic SM, Keep RF et al. Inhibition of junctional adhesion molecule-A/LFA interaction attenuates leukocyte trafficking and inflammation in brain ischemia/reperfusion injury. *Neurobiol Dis* 2014-01-01 [PMID: 24657919]

Dragovic RA, Southcombe JH, Tannetta DS et al. Multicolor Flow Cytometry and Nanoparticle Tracking Analysis of Extracellular Vesicles in the Plasma of Normal Pregnant and Pre-eclamptic Women. *Biol Reprod*. 2013-01-01 [PMID: 24227753] (FLOW)

Zubareva A, Ily'ina A, Prokhorov A et al. Characterization of Protein and Peptide Binding to Nanogels Formed by Differently Charged Chitosan Derivatives. *Molecules* 2013-01-01 [PMID: 23823877] (ICC/IF)

Alvarez-Gallardo H, Kjelland ME, Moreno JF et al. Gamete Therapeutics: Recombinant Protein Adsorption by Sperm for Increasing Fertility via Artificial Insemination. *PLoS One* 2013-01-01 [PMID: 23762288] (ICC/IF)

Tsai YM, Hsu SC, Zhang J et al. Functional Interaction of Cockroach Allergens and Mannose Receptor (CD206) in Human Circulating Fibrocytes. *PLoS One* 2013-01-01 [PMID: 23734186] (FLOW)

De Riva A, Varley MC, Bluck LJ et al. Accelerated Turnover of MHC Class II Molecules in Nonobese Diabetic Mice Is Developmentally and Environmentally Regulated In Vivo and Dispensable for Autoimmunity. *J Immunol*. 2013-01-01 [PMID: 23677470]

More publications at <http://www.novusbio.com/707-0015>





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

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

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/707-0015

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

