

Lightning-Link™ HRP Antibody Labeling Kit (701-0000)



"This conjugation kit worked beautifully. Procedure is so simple. We are satisfied by the final staining result"

- Reviewed by Jianfu Wang

Application: Immunohistochemistry on paraffin-embedded sections

Species: Human

Lightning-Link™ R-PE Antibody Labeling Kit (703-0010)



"Very good kit to directly label antibodies with 1 minute set up time!" - Reviewed by Padmini Malladi

Application: Immunofluorescence

Species: Human Fetal Hepatocyte cell line

Lightning-Link™ Atto655 Antibody Labeling Kit (749-0010)



"This system works very well to label a small very expensive cytokine (IL-2) without the danger of losing protein during wash steps. We have had great success imaging the labeled IL-2 within polymer microparticles using confocal microscopy and flow cytometry" - Anonymous Reviewer

EUROPEAN ORDERING

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U.S. ORDERING

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CANADIAN ORDERING

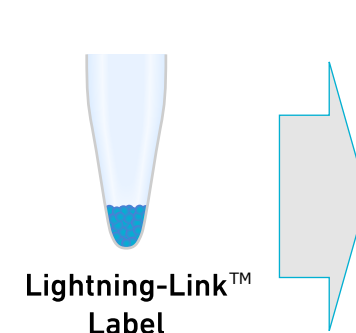
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ANTIBODY LABELING

Lightning-Link™ Kits are the World's Easiest Antibody Labeling Kits

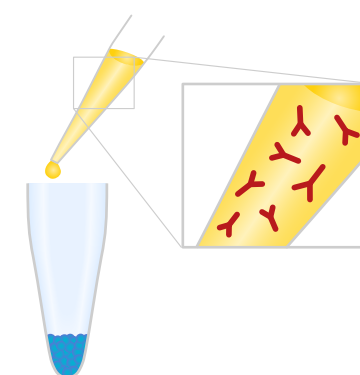
Step 1

Choose From
40+ Labels



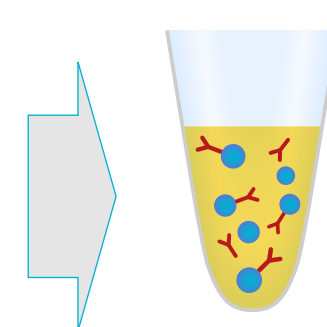
Step 2

Add Your
Primary Antibody



Step 3

Your Antibody
is Now Labeled!



Save Time

- Only 30 seconds hands on time
- No washing steps
- No separation steps
- No desalting steps

Save Money

- Secondary antibodies no longer needed
- 100% antibody recovery
- Lightning-Link™ Kits are available in multiple sizes to fit your lab's budget

Improve Your Research

- Ideal for multi-protein analysis, WB, ELISA, IHC, IF & FACS
- Label as little as 40ug of primary antibody
- Over 40 labels available

Lightning-Link™ Kits In the News

- Kong F, et al. Demonstration of catch bonds between an integrin and its ligand. J Cell Biol. 2009 Jun 29;185(7):1275-84. [PMID 19564406]
- Rock JR, et al. Basal cells as stem cells of the mouse trachea and human airway epithelium. Proc Natl Acad Sci U S A. 2009 Aug 4;106(31):12771-5. [PMID 19625615]
- Bao S, et al. Targeting cancer stem cells through L1CAM suppresses glioma growth. Cancer Res. 2008 Aug 1;68(15):6043-8. [PMID 18676824]

Lightning-Link Kits™ - Over 40 Labels Available!

Atto Fluorescent Dyes

Catalog #	Lightning Link Kit Type	Kit Size	λ _{abs}	λ _{fl}
730-0015	Atto390	1 x 1mg reaction	390	479
730-0010	Atto390	3 x 100ug reactions	390	479
731-0015	Atto425	1 x 1mg reaction	436	484
731-0010	Atto425	3 x 100ug reactions	436	484
732-0015	Atto465	1 x 1mg reaction	453	508
732-0010	Atto465	3 x 100ug reactions	453	508
733-0015	Atto488	1 x 1mg reaction	501	523
733-0010	Atto488	3 x 100ug reactions	501	523
736-0015	Atto532	1 x 2mg reaction	532	553
736-0010	Atto532	3 x 100ug reactions	532	553
738-0015	Atto565	1 x 1mg reaction	563	592
738-0010	Atto565	3 x 100ug reactions	563	592
739-0015	Atto590	1 x 1mg reaction	600	627
739-0010	Atto590	3 x 100ug reactions	600	627
740-0015	Atto594	1 x 1mg reaction	601	627
740-0010	Atto594	3 x 200ug reactions	601	627
741-0015	Atto610	1 x 1mg reaction	575	640
741-0010	Atto610	3 x 100ug reactions	575	640
742-0015	Atto611	1 x 1mg reaction	611	681
742-0010	Atto611	3 x 100ug reactions	611	681
743-0015	Atto620	1 x 2mg reaction	619	643
743-0010	Atto620	3 x 200ug reactions	619	643
744-0015	Atto633	1 x 2mg reaction	629	657
744-0010	Atto633	3 x 200ug reactions	629	657
746-0015	Atto637	1 x 1mg reaction	630	659
746-0010	Atto637	3 x 100ug reactions	630	659
749-0015	Atto655	1 x 1mg reaction	663	684
749-0010	Atto655	3 x 100ug reactions	663	684
750-0015	Atto680	1 x 2mg reaction	670	710
750-0010	Atto680	3 x 200ug reactions	670	710
751-0015	Atto700	1 x 1mg reaction	700	725
751-0010	Atto700	3 x 100ug reactions	700	725

Biotin/Streptavidin

Catalog #	Lightning Link Kit Type	Kit Size
717-0015	Avidin	1 x 1mg reaction
717-0010	Avidin	3 x 100ug reactions
704-0015	Biotin (Type A)*	1 x 2mg reaction
704-0010	Biotin (Type A)*	3 x 200ug reactions
704-0030	Biotin (Type A)*	3 x 20ug reactions
715-0015	Biotin (Type B)*	1 x 2mg reaction
715-0010	Biotin (Type B)*	3 x 200ug reactions
708-0015	Streptavidin	1 x 1mg reaction
708-0010	Streptavidin	3 x 100 ug reactions

*Type A is intended for assays in which a streptavidin-labeled detection reagent (e.g. strep-HRP) will be used. Type B is optimized for assays in which the biotinylated protein is captured by streptavidin immobilized on a surface (i.e. plates, nitrocellulose, magnetic beads, etc).

FluoProbes® Fluorescent Dyes

Catalog #	Lightning Link Kit Type	Kit Size	λ _{abs}	λ _{fl}
788-0015	FluoProbes®547H	1 x 2mg reaction	557	572
788-0010	FluoProbes®547H	3 x 200ug reactions	557	572
791-0015	FluoProbes®647H	1 x 1mg reaction	653	675
791-0010	FluoProbes®647H	3 x 200ug reactions	653	675
792-0015	FluoProbes®682	1 x 1mg reaction	690	709
792-0010	FluoProbes®682	3 x 200ug reactions	690	709
793-0015	FluoProbes®752	1 x 1mg reaction	748	772
793-0010	FluoProbes®752	3 x 200ug reactions	748	772

Additional Fluorescent Dyes

Catalog #	Lightning Link Kit Type	Kit Size	λ _{abs}	λ _{fl}
712-0015	AMCA	1 x 1mg reaction	346	442
712-0010	AMCA	3 x 100ug reactions	346	442
780-0015	Cyanine Dye 3 (Cy3)	1 x 1mg reaction	550	570
780-0010	Cyanine Dye 3 (Cy3)	3 x 100ug reactions	550	570
784-0015	Cyanine Dye 3.5 (Cy3.5)	1 x 1mg reaction	581	596
784-0010	Cyanine Dye 3.5 (Cy3.5)	3 x 100ug reactions	581	596
781-0015	Cyanine Dye 5 (Cy5)	1 x 1mg reaction	643	667
781-0010	Cyanine Dye 5 (Cy5)	3 x 100ug reactions	643	667
782-0015	Cyanine Dye 5.5 (Cy5.5)	1 x 1mg reaction	675	694
782-0010	Cyanine Dye 5.5 (Cy5.5)	3 x 100ug reactions	675	694
783-0015	Cyanine Dye 7 (Cy7)	1 x 1mg reaction	747	776
783-0010	Cyanine Dye 7 (Cy7)	3 x 200ug reactions	747	776
707-0015	FITC	1 x 2mg reaction	485	535
707-0010	FITC	3 x 100ug reactions	485	535
710-0015	Rhodamine	1 x 1mg reaction	544	576
710-0010	Rhodamine	3 x 100ug reactions	544	576
714-0015	Texas Red	1 x 1mg reaction	595	615
714-0010	Texas Red	3 x 100ug reactions	595	615

Enzymes

Catalog #	Lightning Link Kit Type	Kit Size
702-0015	Alkaline Phosphatase (AP)	1 x 1mg reaction
702-0005	Alkaline Phosphatase (AP)	1 x 100ug reaction
702-0010	Alkaline Phosphatase (AP)	3 x 100ug reactions
706-0015	Glucose Oxidasae (GOx)	1 x 1mg reaction
706-0010	Glucose Oxidasae (GOx)	3 x 100ug reactions
701-0010	Horseradish Peroxidase (HRP)	1 x 100ug reaction
701-0030	Horseradish Peroxidase (HRP)	3 x 10ug reactions
701-0002	Horseradish Peroxidase (HRP)	1 x 1mg reaction
701-0004	Horseradish Peroxidase (HRP)	1 x 5mg reaction
701-0000	Horseradish Peroxidase (HRP)	3 x 100ug reactions
701-0003	Horseradish Peroxidase (HRP)	5 x 1mg reactions

Fluorescent Proteins

Catalog #	Lightning-Link Kit Type	Kit Size
705-0005	Allophycocyanin (APC)	1 x 100ug reaction
705-0015	Allophycocyanin (APC)	1 x 1mg reaction
705-0010	Allophycocyanin (APC)	3 x 100ug reactions
716-0005	B-Phycoerythrin (BPE)	1 x 100ug reaction
716-0015	B-Phycoerythrin (BPE)	1 x 1mg reaction
716-0010	B-Phycoerythrin (BPE)	3 x 100ug reactions
709-0005	C-Phycocyanin (CPC)	1 x 100ug reaction
709-0015	C-Phycocyanin (CPC)	1 x 1mg reaction
709-0010	C-Phycocyanin (CPC)	3 x 100ug reactions
720-0005	C-Phycoerythrin (CPE)	1 x 100ug reaction
720-0015	C-Phycoerythrin (CPE)	1 x 1mg reaction
720-0010	C-Phycoerythrin (CPE)	3 x 100ug reactions
718-0005	PerCP	1 x 100ug reaction
718-0015	PerCP	1 x 1mg reaction
718-0010	PerCP	3 x 100ug reactions
721-0005	R-Phycocyanin (RPC)	1 x 100ug reaction
721-0015	R-Phycocyanin (RPC)	1 x 1mg reaction
721-0010	R-Phycocyanin (RPC)	3 x 100ug reactions
703-0030	R-Phycoerythrin (RPE)	3 x 10ug reactions
703-0005	R-Phycoerythrin (RPE)	1 x 100ug reaction
703-0015	R-Phycoerythrin (RPE)	1 x 1mg reaction
703-0010	R-Phycoerythrin (RPE)	3 x 100ug reactions

Lightning-Link™ Support Products

Antibody Concentration and Clean Up Kits

Antibodies are sometimes only available at low concentrations and often contain low molecular weight substances that interfere in labeling reactions with enzymes, biotin, streptavidin and fluorophores. The Antibody Concentration and Clean Up Kits allow for the quick and easy concentration of antibodies and proteins. The Kit can also be used to reduce the concentration of many unwanted additives often found in antibody formulations such as azide, glycine or tris.

Catalog #	Kit Name	Kit Size
861-0005	Antibody Concentration and Clean Up Kit	1 column
861-0010	Antibody Concentration and Clean Up Kit	3 columns

Custom Antibody Labeling - Are you looking for labeled antibodies?

The Novus Antibody Lab can custom label many of the primary antibodies available at www.novusbio.com. To enquire if your antibody of interest can be custom labeled, and for pricing and specific lead times, please email lab@novusbio.com.

Tandem Dyes

Catalog #	Lightning Link Kit Type	Kit Size
764-0005	Allophycocyanin/Cy5.5	1 x 100ug reaction
764-0015	Allophycocyanin/Cy5.5	1 x 1mg reaction
764-0010	Allophycocyanin/Cy5.5	3 x 100ug reactions
765-0005	Allophycocyanin/Cy7	1 x 100 ug reaction
765-0015	Allophycocyanin/Cy7	1 x 1mg reaction
765-0010	Allophycocyanin/Cy7	3 x 100ug reactions
760-0010	PE/Cy5	3 x 100ug reactions
760-0015	PE/Cy5	1 x 1 mg reaction
760-0005	PE/Cy5	1 x 100ug reaction
761-0005	PE/Cy5.5	1 x 100ug reactions
761-0015	PE/Cy5.5	1 x 1mg reaction
761-0010	PE/Cy5.5	3 x 100ug reactions
762-0015	PE/Cy7	1 x 1mg reaction
762-0005	PE/Cy7	1x 100ug reaction
762-0010	PE/Cy7	3 x 100ug reactions
763-0005	PerCP/Cy5.5	1 x 100ug reactio
763-0015	PerCP/Cy5.5	1 x 1mg reaction
763-0010	PerCP/Cy5.5	3 x 100ug reactions

Questions? Contact the Novus Technical Support Team at 303.730.1950 or technical@novusbio.com.

AbSelect™ Antibody Purification Kits

Commercially available antibodies often contain substances (e.g. BSA, glycine, tris, azide) that interfere in labeling reactions with enzymes or fluorophores. The AbSelect™ Purification Kit quickly removes these contaminants. It can also be used to purify antibodies from crude samples such as ascites fluid or immune serum. The components of the AbSelect Kit™ are fully compatible with the Lightning-Link™ Kits which allows the purified antibody to be rapidly conjugated with a wide variety of labels.

Catalog #	Kit Name	Kit Size
860-0005	AbSelect™ Antibody Purification Kit	1 purification
860-0010	AbSelect™ Antibody Purification Kit	3 purifications