

## References for Products 1000-1299

1. Zhang S, Tan HC, Ooi EE. (2011) Visualizing dengue virus through Alexa Fluor labeling. *J Vis Exp*.
2. Sadhu KK, Mizukami S, Watanabe S, Kikuchi K. (2011) Sequential ordering among multicolor fluorophores for protein labeling facility via aggregation-elimination based beta-lactam probes. *Mol Biosyst*, 7, 1766.
3. Kuwayama M, Shigemoto N, Oohara S, Tanizawa Y, Yamada H, Takeda Y, Matsuo T, Fukuda S. (2011) Simultaneous detection of virulence factors from a colony in diarrheagenic *Escherichia coli* by a multiplex PCR assay with Alexa Fluor-labeled primers. *J Microbiol Methods*, 86, 119.
4. Cui JJ, Zhu XL, Ji CF, Jing XH, Bai WZ. (2011) [Neuroanatomical basis of clinical joint application of "Jinggu" (BL 64, a source-acupoint) and "Dazhong" (KI 4, a Luo-acupoint) in the rat: a double-labeling study of cholera toxin subunit B conjugated with Alexa Fluor 488 and 594]. *Zhen Ci Yan Jiu*, 36, 262.
5. Arai S, Yoon SI, Murata A, Takabayashi M, Wu X, Lu Y, Takeoka S, Ozaki M. (2011) Fluorescent "Turn-on" system utilizing a quencher-conjugated peptide for specific protein labeling of living cells. *Biochem Biophys Res Commun*, 404, 211.
6. Zhu XL, Bai WZ, Wu FD, Jiang J, Jing XH. (2010) [Neuroanatomical characteristics of acupoint "Chengshan" (BL 57) in the rat: a cholera toxin subunit B conjugated with Alexa Fluor 488 method study]. *Zhen Ci Yan Jiu*, 35, 433.
7. Zhang SL, Tan HC, Hanson BJ, Ooi EE. (2010) A simple method for Alexa Fluor dye labelling of dengue virus. *J Virol Methods*, 167, 172.
8. Watanabe S, Mizukami S, Hori Y, Kikuchi K. (2010) Multicolor protein labeling in living cells using mutant beta-lactamase-tag technology. *Bioconjug Chem*, 21, 2320.
9. Song F, Wang L, Qiao X, Wang B, Sun S, Fan J, Zhang L, Peng X. (2010) Asymmetric trimethine 3H-indocyanine dyes: efficient synthesis and protein labeling. *Org Biomol Chem*, 8, 4249.
10. Maurel D, Banala S, Laroche T, Johnsson K. (2010) Photoactivatable and photoconvertible fluorescent probes for protein labeling. *ACS Chem Biol*, 5, 507.
11. Kecskes M, Kumar TS, Yoo L, Gao ZG, Jacobson KA. (2010) Novel Alexa Fluor-488 labeled antagonist of the A(2A) adenosine receptor: Application to a fluorescence polarization-based receptor binding assay. *Biochem Pharmacol*, 80, 506.
12. Hone AJ, Whiteaker P, Mohn JL, Jacob MH, McIntosh JM. (2010) Alexa Fluor 546-Ar1B[V11L;V16A] is a potent ligand for selectively labeling alpha 7 nicotinic acetylcholine receptors. *J Neurochem*, 114, 994.
13. Xiao F, Hrabetova S. (2009) Enlarged extracellular space of aquaporin-4-deficient mice does not enhance diffusion of Alexa Fluor 488 or dextran polymers. *Neuroscience*, 161, 39.

14. Taguchi Y, Shi ZD, Ruddy B, Dorward DW, Greene L, Baron GS. (2009) Specific biarsenical labeling of cell surface proteins allows fluorescent- and biotin-tagging of amyloid precursor protein and prion proteins. *Mol Biol Cell*, 20, 233.
15. Panasiewicz M, Domek H, Fedoryszak N, Pacuszka T. (2009) Preparation of Alexa Fluor 350-conjugated nonradioactive or 3H-labeled GM1 ganglioside derivatives with different ceramides. *Anal Biochem*, 385, 168.
16. Kamiya N, Abe H, Goto M, Tsuji Y, Jikuya H. (2009) Fluorescent substrates for covalent protein labeling catalyzed by microbial transglutaminase. *Org Biomol Chem*, 7, 3407.
17. Conte WL, Kamishina H, Reep RL. (2009) Multiple neuroanatomical tract-tracing using fluorescent Alexa Fluor conjugates of cholera toxin subunit B in rats. *Nat Protoc*, 4, 1157.
18. Sun YS, Landry JP, Fei YY, Zhu XD, Luo JT, Wang XB, Lam KS. (2008) Effect of fluorescently labeling protein probes on kinetics of protein-ligand reactions. *Langmuir*, 24, 13399.
19. Martin H, Murray C, Christeller J, McGhie T. (2008) A fluorescence polarization assay to quantify biotin and biotin-binding proteins in whole plant extracts using Alexa-Fluor 594 biocytin. *Anal Biochem*, 381, 107.
20. Beatty KE, Tirrell DA. (2008) Two-color labeling of temporally defined protein populations in mammalian cells. *Bioorg Med Chem Lett*, 18, 5995.
21. Macbeath G. (2007) Protein arrays: labeling the protein and probing the array for protein-protein interactions. *CSH Protoc*, 2007, pdb prot4630.
22. Ma L, Yu P, Veerendra B, Rold TL, Retzlaff L, Prasanphanich A, Sieckman G, Hoffman TJ, Volkert WA, Smith CJ. (2007) In vitro and in vivo evaluation of Alexa Fluor 680-bombesin[7-14]NH<sub>2</sub> peptide conjugate, a high-affinity fluorescent probe with high selectivity for the gastrin-releasing peptide receptor. *Mol Imaging*, 6, 171.
23. Fernandez-Suarez M, Baruah H, Martinez-Hernandez L, Xie KT, Baskin JM, Bertozzi CR, Ting AY. (2007) Redirecting lipoic acid ligase for cell surface protein labeling with small-molecule probes. *Nat Biotechnol*, 25, 1483.
24. Ballard JL, Peeva VK, deSilva CJ, Lynch JL, Swanson NR. (2007) Comparison of Alexa Fluor and CyDye for practical DNA microarray use. *Mol Biotechnol*, 36, 175.
25. Nikiforov TT, Beechem JM. (2006) Development of homogeneous binding assays based on fluorescence resonance energy transfer between quantum dots and Alexa Fluor fluorophores. *Anal Biochem*, 357, 68.
26. Fecek RJ, Busch R, Lin H, Pal K, Cunningham CA, Cuff CF. (2006) Production of Alexa Fluor 488-labeled reovirus and characterization of target cell binding, competence, and immunogenicity of labeled virions. *J Immunol Methods*, 314, 30.
27. Cho BS, Roelofs KJ, Majoros IJ, Baker JR, Jr., Stanley JC, Henke PK, Upchurch GR, Jr. (2006) Diffusion of Alexa Fluor 488-conjugated dendrimers in rat aortic tissue. *Ann N Y Acad Sci*, 1085, 294.

28. Bandichhor R, Petrescu AD, Vespa A, Kier AB, Schroeder F, Burgess K. (2006) Synthesis of a new water-soluble rhodamine derivative and application to protein labeling and intracellular imaging. *Bioconjug Chem*, 17, 1219.
29. Yin J, Lin AJ, Buckett PD, Wessling-Resnick M, Golan DE, Walsh CT. (2005) Single-cell FRET imaging of transferrin receptor trafficking dynamics by Sfp-catalyzed, site-specific protein labeling. *Chem Biol*, 12, 999.
30. Sumner JP, Kopelman R. (2005) Alexa Fluor 488 as an iron sensing molecule and its application in PEBBLE nanosensors. *Analyst*, 130, 528.
31. Pashkova A, Chen HS, Rejtar T, Zang X, Giese R, Andreev V, Moskovets E, Karger BL. (2005) Coumarin tags for analysis of peptides by MALDI-TOF MS and MS/MS. 2. Alexa Fluor 350 tag for increased peptide and protein identification by LC-MALDI-TOF/TOF MS. *Anal Chem*, 77, 2085.
32. Greengauz-Roberts O, Stoppler H, Nomura S, Yamaguchi H, Goldenring JR, Podolsky RH, Lee JR, Dynan WS. (2005) Saturation labeling with cysteine-reactive cyanine fluorescent dyes provides increased sensitivity for protein expression profiling of laser-microdissected clinical specimens. *Proteomics*, 5, 1746.
33. Goussu C, Vasseur JJ, Bazin H, Trinquet E, Maurin F, Morvan F. (2005) Optimized synthesis of functionalized fluorescent oligodeoxynucleotides for protein labeling. *Bioconjug Chem*, 16, 465.
34. Whitson KB, Beechem JM, Beth AH, Staros JV. (2004) Preparation and characterization of Alexa Fluor 594-labeled epidermal growth factor for fluorescence resonance energy transfer studies: application to the epidermal growth factor receptor. *Anal Biochem*, 324, 227.
35. Leung K. (2004) Alexa Fluor 680-Bevacizumab. In: *Molecular Imaging and Contrast Agent Database (MICAD)*, Bethesda (MD).
36. Leung K. (2004) LLP2A-biotin-streptavidin-Alexa Fluor 680. In: *Molecular Imaging and Contrast Agent Database (MICAD)*, Bethesda (MD).
37. Leung K. (2004) Alexa Fluor 750-ZHER2:342 Affibody. In: *Molecular Imaging and Contrast Agent Database (MICAD)*, Bethesda (MD).
38. Leung K. (2004) Alexa Fluor 750-albumin-binding domain-fused-(ZHER2:342)<sub>2</sub> Affibody. In: *Molecular Imaging and Contrast Agent Database (MICAD)*, Bethesda (MD).
39. Chopra A. (2004) Self-quenching Alexa fluor 680 conjugated to trastuzumab. In: *Molecular Imaging and Contrast Agent Database (MICAD)*, Bethesda (MD).
40. Chopra A. (2004) Alexa Fluor 488-conjugated anti-carcinoembryonic antigen monoclonal antibody. In: *Molecular Imaging and Contrast Agent Database (MICAD)*, Bethesda (MD).
41. Cheng KT, Wang PC, Shan L. (2004) Alexa Fluor 680-labeled transferrin-cationic (NBD-labeled DOPE-DOTAP) liposome-encapsulated gadopentetate dimeglumine complex. In: *Molecular Imaging and Contrast Agent Database (MICAD)*, Bethesda (MD).

42. Cheng KT, Smith CJ, Ma L, Yu P, Hoffman TJ. (2004) Alexa Fluor 680-glycylglycylglycine-bombesin[7-14]NH<sub>2</sub> peptide. In: Molecular Imaging and Contrast Agent Database (MICAD), Bethesda (MD).
43. Cheng KT, Piwnica-Worms D. (2004) Ac-rkkrrrrrGK(QSY21)DEVDAPC(Alexa Fluor 647)-NH<sub>2</sub>. In: Molecular Imaging and Contrast Agent Database (MICAD), Bethesda (MD).
44. Allen MW, Urbauer RJ, Zaidi A, Williams TD, Urbauer JL, Johnson CK. (2004) Fluorescence labeling, purification, and immobilization of a double cysteine mutant calmodulin fusion protein for single-molecule experiments. *Anal Biochem*, 325, 273.
45. Berlier JE, Rothe A, Buller G, Bradford J, Gray DR, Filanoski BJ, Telford WG, Yue S, Liu J, Cheung CY, Chang W, Hirsch JD, Beechem JM, Haugland RP. (2003) Quantitative comparison of long-wavelength Alexa Fluor dyes to Cy dyes: fluorescence of the dyes and their bioconjugates. *J Histochem Cytochem*, 51, 1699.
46. Adami R, Cintio O, Trombetta G, Choquet D, Grazi E. (2003) On the stiffness of the natural actin filament decorated with alexa fluor tropomyosin. *Biophys Chem*, 104, 469.
47. Sydor JR, Mariano M, Sideris S, Nock S. (2002) Establishment of intein-mediated protein ligation under denaturing conditions: C-terminal labeling of a single-chain antibody for biochip screening. *Bioconjug Chem*, 13, 707.
48. Jing P, Kaneta T, Imasaka T. (2002) Determination of dye/protein ratios in a labeling reaction between a cyanine dye and bovine serum albumin by micellar electrokinetic chromatography using a diode laser-induced fluorescence detection. *Electrophoresis*, 23, 2465.
49. Anderson GP, Nerurkar NL. (2002) Improved fluoroimmunoassays using the dye Alexa Fluor 647 with the RAPTOR, a fiber optic biosensor. *J Immunol Methods*, 271, 17.
50. Oswald B, Gruber M, Bohmer M, Lehmann F, Probst M, Wolfbeis OS. (2001) Novel diode laser-compatible fluorophores and their application to single molecule detection, protein labeling and fluorescence resonance energy transfer immunoassay. *Photochem Photobiol*, 74, 237.
51. Leung WY, Trobridge PA, Haugland RP, Mao F. (1999) 7-Amino-4-methyl-6-sulfocoumarin-3-acetic acid: a novel blue fluorescent dye for protein labeling. *Bioorg Med Chem Lett*, 9, 2229.
52. Meadows DL, Shafer JS, Schultz JS. (1991) Determining the extent of labeling for tetramethylrhodamine protein conjugates. *J Immunol Methods*, 143, 263.