

Recent patent applications in immunostaining

Patent number	Description	Assignee	Inventor	Priority application date	Publication date
US8603750B2	A method for assaying an analyte (e.g., cell, cellular organelle, virus, etc.) that involves contacting a sample suspected of containing an analyte with a reactant capable of binding and/or reacting with said analyte under suitable conditions to allow binding of said analyte, if present, to said reactant; and for assessing binding and/or reaction between an analyte and a reactant to determine the presence and/or amount of the analyte.	CapitalBio (Beijing), Yang X, Wang F, Zheng D, Dong D, Guo L, Tsinghua University (Beijing), Cheng J	Guo L, Dong D, Zheng D, Wang F, Yang X, Cheng J,	11/21/2002	2013
US8580579B2	Novel fluorescent rhodamine compound dyes exhibiting improved photostability in aqueous solutions, improved hydrophilicity, high values for adsorption and emission maxima, recovery times of several tens to several hundreds of milliseconds and minimal content of the dye in the ground state after the pump pulse; all of these properties would be particularly suitable for microscopy applications that require very high light intensities.	Max-Planck-Gesellschaft zur Foerderung der Wissenschaften (Munich), Eggeling C, Wurm C, Jakobs S, Ringemann C, Westphal V, Kolmakov K, Belov V, Hell S, Lauterbach M	Hell S, Belov V, Kolmakov K, Westphal V, Lauterbach M, Jakobs S, Wurm C, Eggeling C, Ringemann C	4/28/2009	2013
US8551470B2	Use of substance P, an 11-amino-acid neuropeptide of the tachykinin family that is expressed in sensory neurons, macrophages, eosinophils, endothelial cells and corneal cells, for the manufacture of a medicament for mobilization or proliferation of mesenchymal stem cells from bone marrow, and use of substance P for the manufacture of a medicament for wound-healing or for facilitating wound-healing.	Korea Institute of Radiological & Medical Sciences (Seoul), Chung-Ang University Industry-Academy Cooperation Foundation (Seoul), Son YS, Hong HS, Kim JC	Son YS, Hong HS, Kim JC	10/27/2004	2013
US20130338021A1	Methods and compositions for determining the presence of or predisposition to insulin resistance, diabetes and complications of diabetes in a subject, which comprise co-culturing a biological sample from the subject <i>in vitro</i> with one or more renal cell lines, maintaining the co-culture for a sufficient amount of time for the biological sample to induce physiological changes in the renal cells and detecting the physiological changes in the renal cells using microscopy, immunostaining, ELISA, protein arrays, western blotting or flow cytometry.	Wisconsin Alumni Research Foundation (Madison, WI, USA)	Dart ML, Sollinger H, Hullett DA	3/15/2013	2013
US20130323753A1	Kits and methods for identification of anti-excitotoxic compounds in embodiments, which entail measuring the surface amount of the EAAT-1 protein; <i>in situ</i> immunostaining or membrane extracts can be used.	Rutgers, the State University (New Brunswick, NJ, USA)	Firestein-Miller, BL	9/6/2007	2013
US20130303391A1	Novel diagnostic discriminatory cytokine biomarkers that can be used to distinguish one inflammatory bowel disease subtype from another and from controls.	Oklahoma Medical Research Foundation (Oklahoma City, OK, USA), The Johns Hopkins University (Baltimore, MD, USA), Li X, Alex PJ, Centola MB, Knowlton N	Li X, Alex PJ, Centola MB, Knowlton N	9/14/2010	2013
US20130296183A1	Methods for characterizing stem cells, and for analyzing methods and compositions to standardize and optimize the selection of pluripotent cell lines for modeling disease and for studying stem cell populations and their use for therapeutic treatment of diseases.	President & Fellows of Harvard College (Cambridge, MA, USA), Eggan KC, Meissner A, Bock C, Kiskinis E, Verstappen GAF	Eggan KC, Meissner A, Bock C, Kiskinis E, Verstappen GAF	9/17/2010	2013
US20130295095A1	Means, methods and specific tools that can be used to differentiate individuals not suffering from an amyloid-related dementia and even healthy controls from patients suffering from Alzheimer's disease, by using an antibody molecule capable of specifically recognizing A β oligomers.	Bayer T, Wirths O, Martens H, Erck C	Bayer T, Wirths O, Martens H, Erck C	6/4/2010	2013
US20130273527A1	A method to induce cell senescence by a recombinant interferon, which comprises the step of contacting target cells with the recombinant interferon, wherein the interferon is encoded by a defined nucleotide sequence.	Superlab Far East Ltd. (Tortola, VG)	Wei G, Li H, Yang D, Cao X, Huang H, Ding M, Xu H, Liu X, Li M	4/13/2012	2013
US20130281376A1	Prognostic and treatment methods for cancerous tumors, relating to biomarkers that include circulating 'secreted protein acidic and rich in cysteine' (SPARC) levels, SPARC microenvironment signature and serum lactate dehydrogenase.	Abraxis Bioscience (Los Angeles), Trieu V, Hwang L, Motamed K, Liu X, Desai N	Trieu V, Hwang L, Motamed K, Liu X, Desai N	10/8/2010	2013

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