



Recent patent applications related to antibodies

Patent #	Subject	Assignee	Inventor(s)	Priority application date	Publication date
WO 200563817	Enriching for nucleic acids encoding multimeric antibodies having a biological function; comprises transfecting mammalian cells with polynucleotides containing a library of nucleic acids encoding multimeric antibodies and a vector.	Amgen (Thousand Oaks, CA, USA)	Carter P, Cosman DJ, Martin FH, Shen W, Yan W, Zhou C, Zhou H	8/31/2004	7/14/2005
WO 200563335	An antibody directed specifically against des-Lys58-beta2-microglobulin or its fragment, and capable of forming a complex with des-Lys58-beta2-microglobulin present in a nonimmobilized form, or present in solution.	Statens Serum Institute (Copenhagen)	Corlin DB, Heegaard NHH	12/30/2003	7/14/2005
WO 200563292	Treating or preventing a bone-related or cartilage-related disease, condition or disorder, or modulating bone mineral density or bone strength in an individual, comprising administering an amount of an antibody or its fragment that specifically binds a polypeptide comprising fully defined 442-amino acid sequences.	Amgen (Thousand Oaks, CA, USA)	Pisegna M, Simonet WS	12/22/2003	7/14/2005
WO 200562955	An agonist anti-trkC antibody comprising a heavy-chain complementarity determining region (CDR), and/or a light-chain CDR; useful for treating and/or preventing neuropathies including Taxol-induced, cisplatin-induced and pyridoxine-induced sensory neuropathy.	Rinat Neuroscience (S. San Francisco, CA, USA)	Pons J	12/23/2003	7/14/2005
WO 200562893	Preventing and/or treating Type 1 diabetes mellitus in a prediabetic human subject or in a human subject suffering from the disease, comprising administering an amount of an anti-CD52 antibody, that is, Campath-1H.	ILEX Products (San Antonio, TX, USA)	Arthaud L	12/22/2003	7/14/2005
US 20050152902	Treating diabetic retinopathy in a patient by administering an amount of an antibody to gamma interferon and/or an amount of an antibody to CD20; antibodies are also useful for treating hyperimmune reactions, including transplant rejection, autoimmune diseases of the eye and ocular disorders incidental or connected with autoimmune diseases.	Advanced Biotherapy (Woodland Hills, CA, USA)	Skurkovich B, Skurkovich S	6/5/2001	7/14/2005
WO 200560999	Treating autoimmune disease such as rheumatoid arthritis, psoriasis, inflammatory bowel disease, Crohn disease, ulcerative colitis, eczema, asthma, lupus, atherosclerosis and diabetes, comprising detecting CD20 or CD20-positive B cells in a sample from the patient, and where CD20 or CD20-positive B cells is detected in the sample, administering a CD20 antagonist or antibody to treat the autoimmune disease.	Genentech (S. San Francisco, CA, USA)	Brunetta PG	12/19/2003	7/7/2005
WO 200560641	Amplifying nucleic acid encoding a portion of an antibody; useful for producing an antibody library and for identifying an antibody having a desired binding specificity. The method enables improved nucleic acid amplification with decreased mispriming and amplification of sequences other than the target sequence.	Alexion Pharmaceuticals (Cheshire, CT, USA)	Bowdish KS, Frederickson S, Lin Y, Maruyama T, Renshaw M	12/15/2003	7/7/2005
US 20050142620	Detecting the presence or absence of or determining whether a patient is at risk for developing a cervical cancer, comprising contacting a test cervical tissue sample with an antibody that binds to a polypeptide and detecting the amount of the antibody that binds to the polypeptide.	Corixa (Seattle, WA, USA)	Bangur CS, Zehentner-Wilkinson BK	8/19/2004	6/30/2005
JP 2005172546	An immunoassay method useful for detecting antigens such as hepatitis B virus surface antigen. The method enables easy, convenient and simultaneous detection of the antigen and the antibody of the same pathogen.	Toa Iyo Denshi (Kobe, Japan)	Kawade Y	12/10/2003	6/30/2005
US 20050118176	A novel antibody that is immunoreactive with a mammalian interleukin-4 receptor (IL-4R), chosen from murine IL-4R and human IL-4R; useful for inhibiting binding of IL-4 to IL-4R.	Immunex (Seattle, WA, USA)	Beckmann MP, Cosman DJ, Idzerda R, March CJ, Mosley BA, Park LS	2/14/1990	6/2/2005

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