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(54) **A METHOD FOR PRODUCING A RECOMBINANT ALLOTYPESPECIFIC RABBIT MONOCLONAL ANTIBODY**

VERFAHREN ZUR HERSTELLUNG EINES REKOMBINANTEN ALLOTYP-SPEZIFISCHEN
MONOKLONALEN KANINCHENANTIKÖRPERS

PROCÉDÉ DE PRODUCTION D'ANTICORPS MONOCLONAL DE LAPIN RECOMBINÉ SPÉCIFIQUE
D'UN ALLOTYPE

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(56) References cited:
US-B2- 7 429 487

- **SPIEKER-POLET H ET AL: "RABBIT MONOCLONAL ANTIBODIES: GENERATING A FUSION PARTNER TO PRODUCE RABBIT-RABBIT HYBRIDOMAS", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, NATIONAL ACADEMY OF SCIENCES, US, vol. 92, 1 September 1995 (1995-09-01), pages 9348-9352, XP001016241, ISSN: 0027-8424, DOI: 10.1073/PNAS.92.20.9348 cited in the application**
- **STEFAN SEEGER ET AL: "A Robust High Throughput Platform to Generate Functional Recombinant Monoclonal Antibodies Using Rabbit B Cells from Peripheral Blood", PLOS ONE, vol. 9, no. 2, 4 February 2014 (2014-02-04), pages e86184/-14, XP055128871, US ISSN: 1932-6203, DOI: 10.1371/journal.pone.0086184**
- **WOLF B ET AL: "Identification of rabbit immunoglobulin latent Ckappa1 allotype genes alters the concept of allelic inheritance.", MOLECULAR IMMUNOLOGY OCT 1998, vol. 35, no. 14-15, October 1998 (1998-10), pages 965-976, XP002755297, ISSN: 0161-5890**

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EP 3 230 312 B8

- **AKIMENKO M-A ET AL:** "Complex allotypes of the rabbit immunoglobulin kappa light chains are encoded by structural alleles", **NUCLEIC ACIDS RESEARCH, INFORMATION RETRIEVAL LTD, GB**, vol. 12, no. 11, 1 January 1984 (1984-01-01), pages 4691-4701, XP002273991, ISSN: 0305-1048
- **DREHER K L ET AL:** "cDNA clone encoding a complete rabbit immunoglobulin kappa light chain of b4 allotype", **PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, NATIONAL ACADEMY OF SCIENCES, US**, vol. 80, no. 14, 1 July 1983 (1983-07-01), pages 4489-4493, XP002346543, ISSN: 0027-8424, DOI: 10.1073/PNAS.80.14.4489
- **VANDER LOO WET AL:** "The allotypic patchwork pattern of the rabbit IGKC1 allele b5wf: genic exchange or common ancestry?", **IMMUNOGENETICS JAN 1999**, vol. 49, no. 1, January 1999 (1999-01), pages 7-14, XP009188975, ISSN: 0093-7711
- **DATABASE REGISTRY [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US;** 7 March 2005 (2005-03-07), XP002755298, Database accession no. 843725-58-6
- **DATABASE REGISTRY [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US;** 9 December 2004 (2004-12-09), XP002755299, Database accession no. 795419-85-1
- **DATABASE REGISTRY [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US;** 4 August 2004 (2004-08-04), XP002755300, Database accession no. 722438-22-4
- **COUTO ET AL:** "Cloning of cDNAs encoding the variable domains of antibody KC4G3 and construction of a chimeric antibody", **HYBRIDOMA, LIEBERT, NEW YORK, NY, US**, vol. 4, no. 12, 1 September 1993 (1993-09-01), pages 485-489, XP002077920, ISSN: 0272-457X