

GENMAB ANNOUNCES APPEAL OF US COURT JUDGMENT IN FAVOR OF ARZERRA IN PATENT INFRINGEMENT LAWSUIT

- Appeal launched over ruling that Arzerra did not infringe Genentech and Biogen Idec US patent covering methods of treating CLL with anti-CD20 antibodies

Copenhagen, Denmark; December 6, 2011 – Genmab A/S (OMX: GEN) announced today that Genentech and Biogen Idec have appealed the judgment in favor of GlaxoSmithKline (GSK) in a patent infringement case involving Arzerra brought against GSK by Genentech and Biogen Idec.

The two companies have appealed to the U.S. Court of Appeals for the Federal Circuit the judgment of November 2011 that Arzerra did not infringe the Genentech and Biogen US patent. The companies have also appealed the court order on the patent claim construction which led to the judgment in favor of GSK.

Genentech and Biogen Idec originally filed the lawsuit in Q1 2010 with the U.S. District Court for the Southern District of California claiming Arzerra infringed U.S. Patent No. 7,682,612 covering methods of treating Chronic Lymphocytic Leukemia (CLL) with anti-CD20 antibodies. GSK denied infringement and claimed the patent was invalid and unenforceable.

Arzerra, Genmab's anti-CD20 antibody, is partnered with GSK and marketed in the US and Europe.

About Genmab A/S

Genmab is a publicly traded, international biotechnology company specializing in the creation and development of differentiated human antibody therapeutics for the treatment of cancer. Founded in 1999, the company's first marketed antibody, Arzerra® (ofatumumab), was approved to treat chronic lymphocytic leukemia that is refractory to fludarabine and alemtuzumab after less than eight years in development. Genmab's validated and next generation antibody technologies are expected to provide a steady stream of future product candidates. Partnering of innovative product candidates and technologies is a key focus of Genmab's strategy and the company has alliances with top tier pharmaceutical and biotechnology companies. For more information visit www.genmab.com.

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Genmab®; the Y-shaped Genmab logo®; HuMax®; HuMax-CD20®; HuMax-EGFr; HuMax-IL8; HuMax-TAC; HuMax-CD38; HuMax-TF; HuMax-Her2; HuMax-cMet, HuMax-CD74, DuoBody™ and UniBody® are all trademarks of Genmab A/S. Arzerra® is a trademark of GlaxoSmithKline.