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(54) Title: NEUTRALIZING PROLACTIN RECEPTOR ANTIBODIES AND THEIR THERAPEUTIC USE

(57) Abstract: The present invention is directed to the neutralizing prolactin receptor antibody 006- H08, as well as matured forms thereof, and antigen-binding fragments, pharmaceutical compositions containing them and their use in the treatment or prevention of benign disorders and indications mediated by the prolactin receptor such as endometriosis, adenomyosis, non-hormonal female contraception, benign breast disease and mastalgia, lactation inhibition, benign prostate hyperplasia, fibroids, hyper- and normoprolactinemic hair loss, and cotreatment in combined hormone therapy to inhibit mammary epithelial cell proliferation. The antibodies of the invention block prolactin receptor-mediated signaling.



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