

Title (en)
METHOD FOR PREPARING ANTI-AMH ANTIBODIES AND USES OF SAME

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ANTI-AMH-ANTIKÖRPERN UND VERWENDUNGEN DAVON

Title (fr)
PROCÉDÉ DE PRÉPARATION D'ANTICORPS ANTI-AMH ET LEURS UTILISATIONS

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Abstract (en)
[origin: WO2017216334A1] The present invention relates to a method for preparing mammalian anti-AMH antibodies comprising the steps of: (i) immunising an animal with a polypeptide of AMH or a polynucleotide coding for this polypeptide of AMH, said polypeptide of AMH comprising at least the 99 amino acids of sequence SEQ ID N°1 or of a sequence having at least 75% identity with sequence SEQ ID N°1, and at most the 560 amino acids of sequence SEQ ID N°2 or of a sequence having at least 75% identity with sequence SEQ ID N°2, (ii) preparing hybridomas from cells of a lymphoid organ of the animal having received the immunogen, (iii) selecting hybridomas secreting antibodies recognising a polypeptide of AMH comprising at least the 99 amino acids of sequence SEQ ID N°1 or of a sequence having at least 75% identity with sequence SEQ ID N°1, and at most the 255 amino acids of sequence SEQ ID N°8 or of a sequence having at least 75% identity with sequence SEQ ID N°8, but recognising neither (a) a polypeptide of AMH comprising at least the 131 amino acids of sequence SEQ ID N°13 or of a sequence having at least 75% identity with sequence SEQ ID N°13 and at most the 20,156 amino acids of sequence SEQ ID N°11 or of a sequence having at least 75% identity with sequence SEQ ID N°11, nor (b) any linear epitope located in sequence SEQ ID N°1 or a sequence having at least 75% identity with sequence SEQ ID N°1, and (iv) producing the antibodies. The invention also relates to antibodies, antibody fragments and the use of same for assaying AMH, particularly in fertility.

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