

## Title (en)

MOB-5/HMOB-5 AS A CANCER DIAGNOSTIC MARKER

## Title (de)

MOB-5/HMOB-5 ALS DIAGNOSTISCHES MARKIERUNGSMITTEL

## Title (fr)

MOB-5/HMOB-5 UTILISE COMME MARQUEUR DIAGNOSTIC POUR LE CANCER

## Publication

**EP 1254155 A4 20030618 (EN)**

## Application

**EP 01903364 A 20010126**

## Priority

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## Abstract (en)

[origin: WO0155170A1] The invention provides isolated nucleic acids comprising the nucleic acids set forth in the Sequence Listing as SEQ ID NO:1(corresponding to a cDNA encoding a rat Mob-5 protein), SEQ ID NO:3(corresponding to a cDNA encoding the cancer specific human Mob-5 protein homolog with an internal deletion of 53 amino acid residues, referred to as cMob-5.), SEQ ID NO:5(corresponding to a cDNA encoding a human Mob-5 protein), SEQ ID NO:7(corresponding to a nucleic acid encoding a rat Mob-5-AP fusion protein and SEQ ID NO:9(corresponding to a nucleic acid encoding a human Mob-5-AP fusion protein). The invention also provides purified polypeptides having the sequences set forth in the Sequence Listing as any of SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:6, SEQ ID NO:8 and SEQ ID NO:10. This invention also relates to a method of detecting the presence of cancer in a patient comprising: a) contacting a sample from the patient with an antibody to Mob-5; and b) detecting the binding of the antibody with an antigen in the sample, wherein binding of antigen to the antibody indicates the presence of Mob-5 antigen in the sample and wherein Mob-5 antigen in the sample indicates the presence of cancer in the patient, thereby detecting the presence of cancer in the patient.

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- See references of WO 0155170A1

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