

Title (en)
METHODS AND COMPOSITIONS RELATED TO REDUCED MET PHOSPHORYLATION BY LEUKOCYTE CELL-DERIVED CHEMOTAXIN 2 IN TUMOR CELLS

Title (de)
VERFAHREN UND ZUSAMMENSETZUNGEN IM ZUSAMMENHANG MIT REDUZierter MET-PHOSPHORYLIERUNG DURCH AUS LEUKOZYTEN GEWONNENES CHEMOTAXIN 2 IN TUMORZELLEN

Title (fr)
MÉTHODES ET COMPOSITIONS BASÉES SUR LA PHOSPHORYLATION RÉDUITE DE MET PAR LA CHIMIOTAXINE 2 DÉRIVÉE DES CELLULES LEUCOCYTAIRES DANS DES CELLULES TUMORALES

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Application
EP 10838658 A 20101220

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Abstract (en)
[origin: WO2011076095A1] It was discovered that leukocyte cell-derived chemotaxin 2 (LECT2) correlated with down-regulated vascular invasion in HCC patients. It was also found that LECT2 strongly reduced the growth, migration and invasiveness of HCC cells via inhibition of the phosphorylation of Met and other downstream targets in the HGF/MET pathway. The HXXXD motif of LECT2 was found to be important for its tumor inhibition mechanism. LECT2 reduced Met tyrosine phosphorylation and tumor cell invasion in other cancers, such as lung, breast, and gastric cancers, in addition to HCC. Methods and compositions for preventing, treating or diagnosing tumors, such as HCC, based on the newly discovered tumor suppression property of LECT2 are described.

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