

Title (en)

DETECTION OF HUMAN P58 PROTEIN KINASE AND ITS DNA FOR DIAGNOSIS OF CERTAIN CANCERS.

Title (de)

NACHWEIS VON MENSCHLICHER P58-PROTEIN-KINASE UND IHRER DNS ZUR DIAGNOSE VON VERSCHIEDENEN KREBSARTEN.

Title (fr)

DETECTION DE LA PROTEINE-KINASE HUMAINE P58 ET DE SON ADN POUR LE DIAGNOSTIC DE CERTAINS CANCERS.

Publication

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Application

EP 92921986 A 19921013

Priority

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Abstract (en)

[origin: WO9307297A1] A method of diagnosing cancers associated with the absence of the gene encoding human p58 protein, such as neuroblastomas, ductal carcinomas of the breast, malignant melanoma, Merkel cell carcinoma or endocrine neoplasia is set forth. In one embodiment, cells, especially in metaphase, are prepared from a tissue to be examined. There is then performed an in situ hybridization with a labelled probe including a DNA sequence which is either complementary to the p58 protein kinase gene or to a portion of the p58 kinase gene which is long enough to identify such gene, if present. Determination of the presence of the absence of the gene on the number 1 chromosome indicates that a cell is cancerous or, at the very least, potentially cancerous. In a second embodiment, antibodies specific to p58 protein kinase are employed for its detection. Kits including a probe or antibody as discussed above are also set forth.

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- No further relevant documents disclosed
- See references of WO 9307297A1

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