

Title (en)

INDUCIBLE FOCAL ADHESION KINASE CELL ASSAY

Title (de)

ZELLISSAY MIT INDUZIERBARER FOKALER ADHÄSIONSKINASE

Title (fr)

DOSAGE DE CELLULE KINASE A ADHESION FOCALE INDUCTIBLE

Publication

EP 1546372 A4 20060823 (EN)

Application

EP 03797456 A 20030908

Priority

- IB 0303968 W 20030908
- US 41207802 P 20020919

Abstract (en)

[origin: WO2004027018A2] The cell-based assay of the present invention exploits the biology of FAK in conjunction an inducible gene expression system to exogenously control FAK expression and FAK phosphorylation at the tyrosine residue at position 397 (Y<397>). The cell-based assay of the present invention is flexible and can measure FAK phosphorylation at Y397, total FAK phosphorylation, identify mutant FAK proteins and measure a combination of protein and phosphotyrosine.

IPC 8 full level

C12Q 1/48 (2006.01); **C12N 1/21** (2006.01); **C12N 9/12** (2006.01); **G01N 33/50** (2006.01); **G01N 33/573** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP KR)

C12N 5/10 (2013.01 - KR); **C12N 9/1205** (2013.01 - EP); **C12Q 1/48** (2013.01 - KR); **G01N 33/573** (2013.01 - EP);
G01N 2333/91205 (2013.01 - EP)

Citation (search report)

- [Y] WO 9826054 A2 19980618 - SUGEN INC [US], et al
- [XY] US 2001055585 A1 20011227 - CANCE WILLIAM G [US], et al
- [Y] US 6395506 B1 20020528 - PITNER J BRUCE [US], et al
- [A] OKTAY M H ET AL: "Assays for kinase activity.", METHODS IN MOLECULAR BIOLOGY (CLIFTON, N.J.) 1999, vol. 129, 1999, pages 51 - 61, XP009067862, ISSN: 1064-3745
- See references of WO 2004027018A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004027018 A2 20040401; **WO 2004027018 A3 20040916**; AU 2003259498 A1 20040408; CA 2497434 A1 20040401;
CN 1681939 A 20051012; EP 1546372 A2 20050629; EP 1546372 A4 20060823; JP 2006500022 A 20060105; KR 20050052663 A 20050603;
NO 20051869 D0 20050418; NO 20051869 L 20050616; RU 2005107701 A 20050827

DOCDB simple family (application)

IB 0303968 W 20030908; AU 2003259498 A 20030908; CA 2497434 A 20030908; CN 03822151 A 20030908; EP 03797456 A 20030908;
JP 2004537413 A 20030908; KR 20057004717 A 20050318; NO 20051869 A 20050418; RU 2005107701 A 20030908