

FAK(Phospho-Tyr861) Antibody

Catalog No: #11059



Package Size: #11059-1 50ul #11059-2 100ul #11059-4 25ul

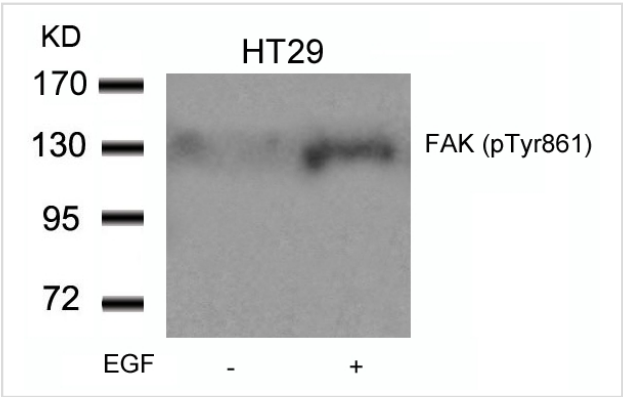
Overview

| | |
|--------------------|------------------------------|
| Product Name | FAK(Phospho-Tyr861) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Applications | WB |
| Species Reactivity | Hu Ms Rt |
| Immunogen Type | Peptide-KLH |
| Target Name | FAK |
| Modification | Phospho-Tyr861 |
| Alternative Names | FADK 1; FAK1; PTK2 |

Application Details

Predicted MW: 125kd
Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HT29 cells untreated or treated with EGF using FAK(Phospho-Tyr861) Antibody #11059.

Descriptions

| | |
|---------------|--|
| Immunogen | Peptide sequence around phosphorylation site of tyrosine 861 (H-I-Y(p)-Q-P) derived from Human FAK. |
| Specificity | The antibody detects endogenous level of FAK only when phosphorylated at tyrosine 861. |
| Purification | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide. |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |
| Accession NO. | Swiss-Prot: Q05397NCBI Protein: NP_005598.3 |

Related Information

Non-receptor protein-tyrosine kinase implicated in signaling pathways involved in cell motility, proliferation and apoptosis. Activated by tyrosine-phosphorylation in response to either integrin clustering induced by cell adhesion or antibody cross-linking, or via G-protein coupled receptor (GPCR) occupancy by ligands such as bombesin or lysophosphatidic acid, or via LDL receptor occupancy. Plays a potential role in oncogenic transformations resulting in increased kinase activity.

Shi Q, et al. (2003) Mol Biol Cell; 14(10): 4306-15.

Vadlamudi RK, et al. (2003) FEBS Lett; 543(1-3): 76-80.

Eliceiri BP, et al. (2002) J Cell Biol Apr 01; 157(1): 149-60.

Abu-Ghazaleh R, (2001) et al. Biochem J; 360(Pt 1): 255-64.

Published Papers

Z Zheng, Y Wei et al., Surface Characterization and Cytocompatibility of Three Chitosan/Polycation Composite Membranes for Guided Bone Regeneration., Journal of Biomaterials Applications, 24:209-229(2008)

[PMID:18987023](#)

aiyang Sheng, Bo Song, Zhenhuan Zheng et al., Abnormal cleavage of APP impairs its functions in cell adhesion and migration, Neuroscience Letters, 450, 327B`C33(2009)

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Liang Wu, Lei Zhu, Wei-Hao Shi et al., Zoledronate inhibits the proliferation, adhesion and migration of vascular smooth muscle cells., European Journal of Pharmacology, 602, 124B`C131(2008)

[PMID:19000670](#)

Masahiko Kanehira, Toshiaki Kikuchi, Shinya Ohkouch et al., Targeting Lysophosphatidic Acid Signaling Retards Culture-Associated Senescence of Human Marrow Stromal Cells. , PLoS ONE, 7(2): e32185. doi:10.1371/journal.pone.0032185(2012)

[PMID:22359668](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.