

FAK (Phospho-Tyr861) Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 43059

Format: 100ul at 1.0mg/ml in PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide-reactive antibodies were removed by chromatography on non-phosphorylated peptide.

BACKGROUND

Focal Adhesion Kinase, FAK (also known as PTK2 protein tyrosine kinase 2, PTK2) is a protein that, in humans, is encoded by the *PTK2* gene. FAK is a focal adhesion-associated protein kinase involved in cellular adhesion and spreading processes. It has been shown that when FAK is blocked, breast cancer cells become less metastatic due to decreased mobility.

SPECIFICATION SUMMARY

Antigen: Peptide sequence that includes phosphorylation site of tyrosine 861 (H-I-Y(p)-Q-P) derived from human FAK.

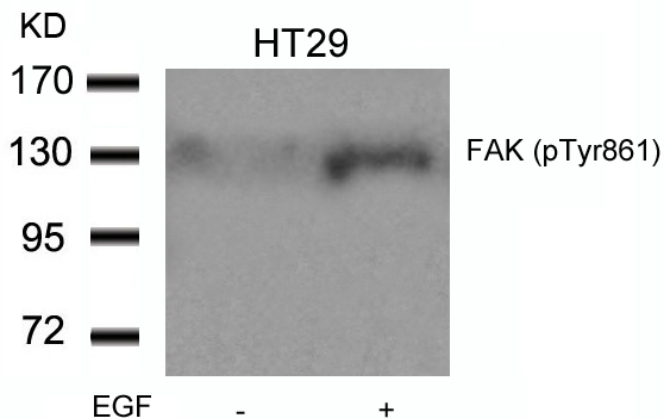
Host Species: Rabbit

Accession no.: Q05397, NP_005598.3

Specificity: This antibody detects endogenous human FAK only when phosphorylated at tyrosine 861.

APPLICATIONS

Immunoblotting: use at dilution of 1:500-1:1,000. A band of ~125kDa is detected.



Detection of FAK in extracts of HT29 cells untreated or treated with EGF.

These are recommended working dilutions. Enduser should determine optimal dilutions for their applications.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Can be stored at 4°C for short-term.

For in vitro investigational use only. Not intended for therapeutic or diagnostic applications.