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35-1119: Polyclonal Antibody to FAK (Phospho-Tyr925)

Clonality: Polyclonal Application: WB,IF

Reactivity: Human, Mouse, Rat

PTK2 Gene: Gene ID: 5747 **Uniprot ID:** Q05397 Format: Purified

Alternative Name: FADK 1, FAK1, PTK2

Isotype: Rabbit IgG

Peptide sequence around phosphorylation site of tyrosine 925 (K-V-Y(p)-E-N) derived from Human Immunogen Information:

Description

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.

Product Info

 $50 \mu l / 100 \mu l$ Amount:

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Predicted MW: 125kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

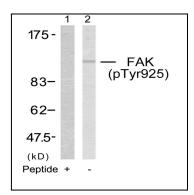


Figure 1: Western blot analysis of extracts from 293 cells using FAK(Phospho-Tyr925) Antibody 35-1119 (Lane 2) and the same antibody preincubated with blocking peptide(Lane1).



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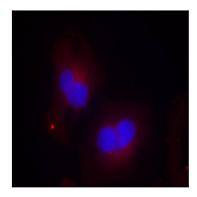


Figure 2: Immunofluorescence staining of methanol-fixed Hela cells using FAK(Phospho-Tyr925) Antibody 35-1119 .