

bs-20577R**[Primary Antibody]****phospho-FAK (Tyr925) Rabbit pAb****Bioss**
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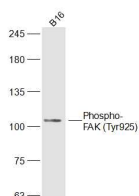
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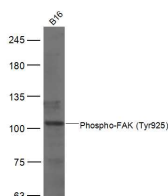
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 5747**SWISS:** Q05397**Target:** FAK (Tyr925)**Immunogen:** KLH conjugated synthesised phosphopeptide derived from human FAK around the phosphorylation site of Tyr925: V(p-Y)EN.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

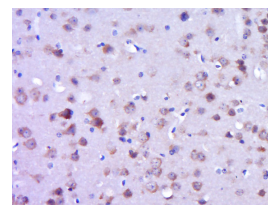
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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. [SUBCELLULAR LOCATION] Cell junction, focal adhesion. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Constituent of focal adhesions.**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse
(predicted: Rat, Rabbit, Cow, Chicken, Dog, Horse)**Predicted
MW.:** 116 kDa**Subcellular
Location:** Cell membrane ,Cytoplasm
,Nucleus**— VALIDATION IMAGES —**

Sample: B16(Human) Cell Lysate at 30 ug
 Primary: Anti-Phospho-FAK (Tyr925) (bs-20577R)
 at 1/300 dilution Secondary: IRDye800CW Goat
 Anti-Rabbit IgG at 1/20000 dilution Predicted
 band size: 116 kD Observed band size: 116 kD



Sample: B16(Mouse) Cell Lysate at 30 ug
 Primary: Anti-Phospho-FAK (Tyr925) (bs-10196R)
 at 1/300 dilution Secondary: IRDye800CW Goat
 Anti-Rabbit IgG at 1/20000 dilution Predicted
 band size: 116 kD Observed band size: 116 kD



Paraformaldehyde-fixed, paraffin embedded
 (Mouse brain); Antigen retrieval by boiling in
 sodium citrate buffer (pH6.0) for 15min; Block
 endogenous peroxidase by 3% hydrogen
 peroxide for 20 minutes; Blocking buffer (normal
 goat serum) at 37°C for 30min; Antibody
 incubation with (P-FAK (Tyr925)) Polyclonal
 Antibody, Unconjugated (bs-20577R) at 1:400
 overnight at 4°C, followed by operating
 according to SP Kit(Rabbit) (sp-0023)
 instructions and DAB staining.