

**bs-20577R****[ Primary Antibody ]****Phospho-FAK (Tyr925) Rabbit pAb****Bioss**  
**ANTIBODIES**

www.bioss.com.cn

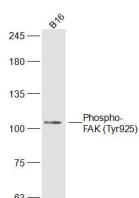
sales@bioss.com.cn

techsupport@bioss.com.cn

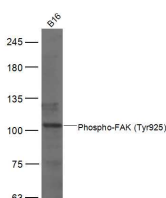
400-901-9800

**— DATASHEET —**

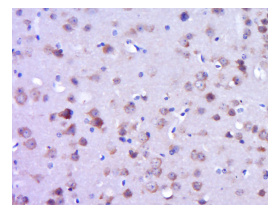
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 5747	<b>SWISS:</b> Q05397	
<b>Target:</b> Phospho-FAK (Tyr925)		
<b>Immunogen:</b> KLH conjugated synthesised phosphopeptide derived from human FAK around the phosphorylation site of Tyr925: V(p-Y)EN.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Cow, Chicken, Dog, Horse)
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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.		
		<b>Predicted MW.:</b> 116 kDa
		<b>Subcellular Location:</b> 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.