

FAK (phospho Tyr861) antibody

Cat. No. GTX24804

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP, IHC
Reactivity	Human, Mouse, Rat, Zebrafish, Dog, Hamster, Chicken, Amphibians, Xenopus

Package

50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000
ICC/IF	1 µg/ml
IHC-P	Assay dependent
IP	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Calculated MW 119 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA, 50% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human FAK that contains tyrosine 861. The sequence is conserved in mouse, rat, chicken and frog.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



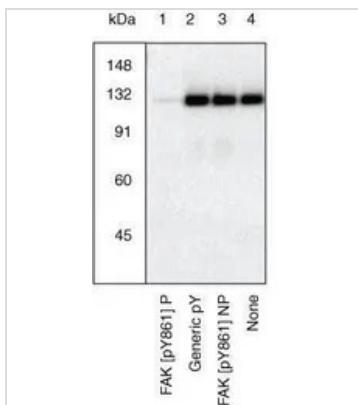
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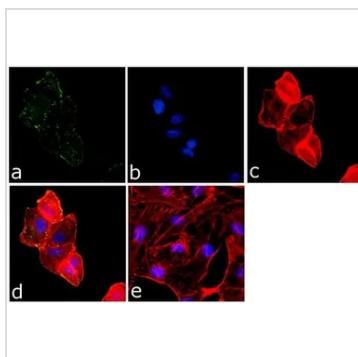
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Note

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DATA IMAGES**GTx24804 WB Image**

WB (peptide competition) analysis of 3T3-L1 cells stimulated with 50 ng/ml LIF for 15 minutes (Lane 2-4) using GTx24804 FAK (phospho Tyr861) antibody prior incubated with the phosphopeptide immunogen (Lane 1), or generic phosphopeptide (Lane 2), the non-phosphopeptide corresponding to generic phosphoserine-containing peptide (Lane 3), or no peptide (Lane 4).. The data show that only the immunogen phosphopeptide blocks the signal, demonstrating the specificity of the antibody.

**GTx24804 ICC/IF Image**

ICC/IF analysis of A549 cells using GTx24804 FAK (phospho Tyr861) antibody. Panel e is a no primary antibody control.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

Permeabilization : 0.25% Triton X-100 for 10 minutes

Dilution : 1 μ g/ml in 1% BSA incubated for 3 hours at room temperature



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