FAK (phospho Tyr861) antibody

Cat. No. GTX24804

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

Package
50 µl

APPLICATION

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 4ºC. For long-term storage, aliquot and store at -20ºC 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

For full product information, images and publications, please visit our website.

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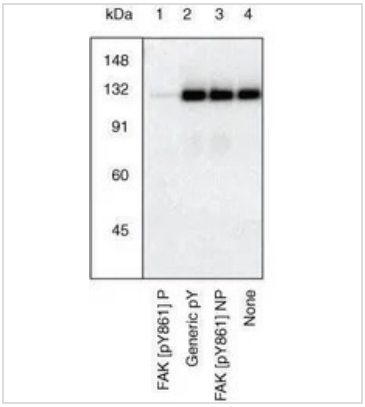
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

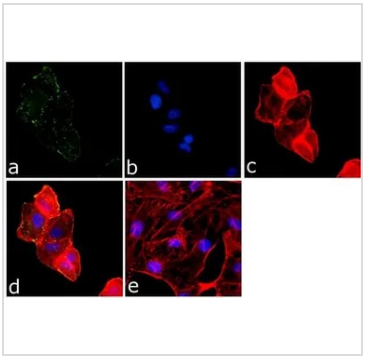
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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 genertic 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 µg/ml in 1% BSA incubated for 3 hours at room temperature

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