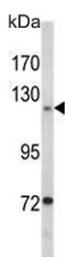


## Focal Adhesion Kinase Antibody / FAK1 / PTK2 (F54458)

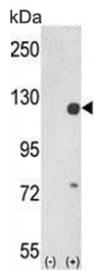
Catalog No.	Formulation	Size
F54458-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54458-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

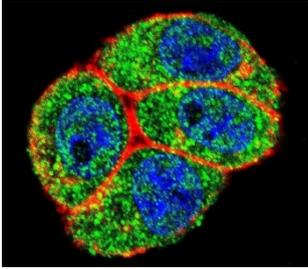
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	SAS precipitation
<b>UniProt</b>	Q05397
<b>Applications</b>	Immunofluorescence : 1:25 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
<b>Limitations</b>	This Focal Adhesion Kinase antibody is available for research use only.



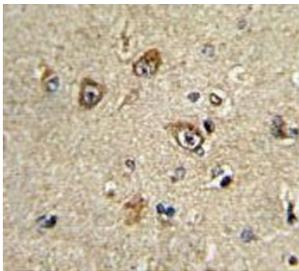
Western blot testing of human T47-D cell lysate with Focal Adhesion Kinase antibody.  
Predicted molecular weight ~119 kDa.



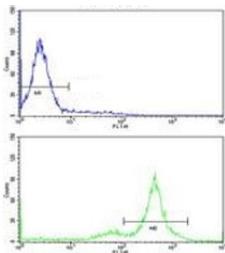
Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with Focal Adhesion Kinase antibody.



Immunofluorescent staining of human HeLa cells with Focal Adhesion Kinase antibody (green), DAPI nuclear stain (blue) and anti-Actin (red).



IHC testing of FFPE human brain tissue with Focal Adhesion Kinase antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human K562 cells with Focal Adhesion Kinase antibody; Blue=isotype control, Green= Focal Adhesion Kinase antibody.

## Description

FAK1/PTK2 is a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. This protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Focal Adhesion Kinase antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 396-423 from the human protein was used as the immunogen for the Focal Adhesion Kinase antibody.

## Storage

Aliquot the Focal Adhesion Kinase antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

