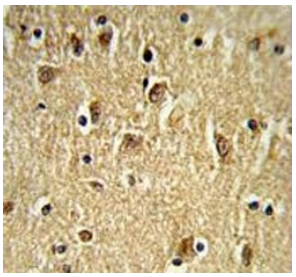
PTK2 Antibody / FAK / Focal Adhesion Kinase (F54983)

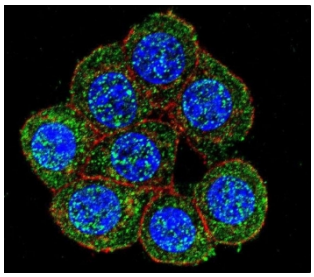
Catalog No.	Formulation	Size
F54983-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54983-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

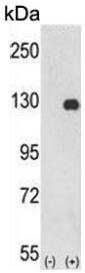
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q05397
Localization	Cytoplasmic, nuclear, extracellular
Applications	Immunofluorescence: 1:10-1:50 Flow cytometry: 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE): 1:50-1:100 Western blot: 1:500-1:1000
Limitations	This PTK2 antibody is available for research use only.



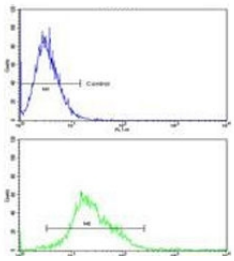
IHC testing of FFPE human brain tissue with PTK2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of human HEK293 cells with PTK2 antibody (green), DAPI nuclear stain (blue) and anti-Actin (red).



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with PTK2 antibody.



Flow cytometry testing of human K562 cells with PTK2 antibody; Blue=isotype control, Green= PTK2 antibody.

Description

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 PTK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 821-848 from the human protein was used as the immunogen for the PTK2 antibody.

Storage

Aliquot the PTK2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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