

Mouse Monoclonal Antibody to FAK

Order Information

Catalog#	20431	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

Description

This gene encodes 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. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix. At least four transcript variants encoding four different isoforms have been found for this gene, but the full-length natures of only two of them have been determined. Tissue specificity: Expressed in all organs tested, in lymphoid cell lines, but most abundantly in brain. RD: Focal adhesion kinase 1 (FAK) is a ubiquitously expressed non-receptor protein tyrosine kinase that is concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. This cellular localization is directed by a

Specification

Aliases : FAK; FADK; FAK1; FRNK; pp125FAK; PTK2

Entrez GeneID : 5747

Swissprot : Q05397

clone : 10H7

WB Predicted band size : 119kDa

Host/Isotype : Mouse IgG1

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human, Mouse

Immunogen : Purified recombinant fragment of human FAK expressed in E. Coli.

Formulation : Ascitic fluid containing 0.03% sodium azide.

Application

WB	1/500 - 1/2000
IHC	1/200 - 1/1000
ICC	1/200 - 1/1000
ELISA	1/10000

References

- Madeleine Toutant, Jeanne-Marie Studler, et al. Mol. Cell. Biol., Nov 2002; 22: 7731 - 7743.
- Danshan Huang, Anthony T. Cheung, et al. J. Biol. Chem, May 2002; 277: 18151 - 18160.

Call 1-510-860-4615

+86-19375157864

Email Info@ProMab.com

Web www.ProMab.com

www.ProMab.cn

Protocol

WB - www.promab.com/protocol/wb.html

IHC - www.promab.com/protocol/ihc.html

ICC - www.promab.com/protocol/icc.html

HCM - www.promab.com/protocol/hcm.html

Antigen Sequence is available upon request.

Products and Services

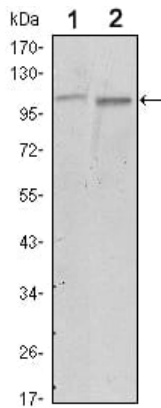
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

For Research Only

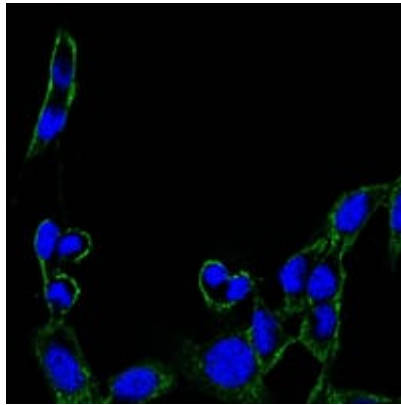
Application Key: WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

#20431

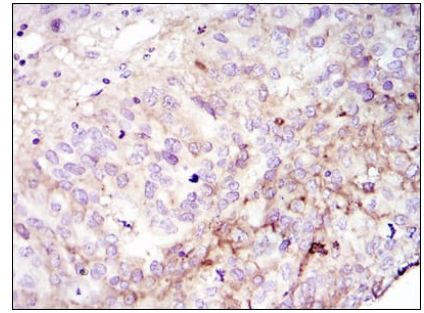
Mouse Monoclonal Antibody to FAK



Western blot analysis using FAK mouse mAb against A549 (1) and NIH/3T3 (2) cell lysate.



Immunofluorescence analysis of B16 cells using FAK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemical analysis of paraffin-embedded human cervix tumour using FAK mouse mAb with DAB staining

For Research Only

Application Key: WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

#20431