

Product Name: FAK Rabbit Monoclonal Antibody
Catalog #: AMRe85556



Summary

Production Name	FAK Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP,IHC,ICC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	FAK PTK2; FAK; FAK1; Focal adhesion kinase 1; FADK 1; Focal adhesion kinase-related
Alternative Names	nonkinase; FRNK; Protein phosphatase 1 regulatory subunit 71; PPP1R71; Protein-tyrosine kinase 2; p125FAK; pp125FAK
Gene ID	5747.0
SwissProt ID	Q05397.A synthetic peptide of human FAK

Application

Dilution Ratio	WB:1:500-1:1000,IP:1:10-1:20,IHC:1:50-1:100,ICC:1:50-1:200
Molecular Weight	Calculated MW: 119 kDa; Observed MW: 125 kDa

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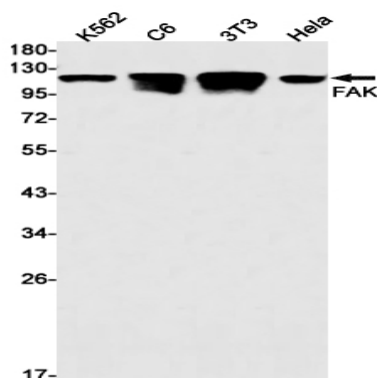
Background

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.

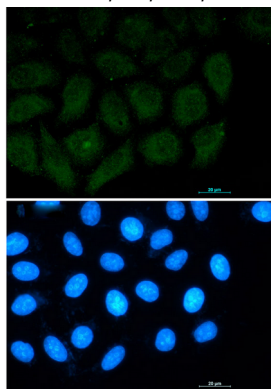
Research Area

PI3K-Akt signaling pathway

Image Data

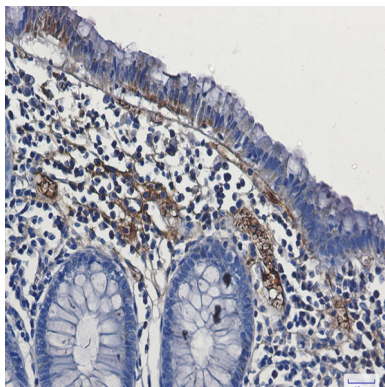


Western blot analysis of FAK in K562, C6, 3T3, HeLa lysates using FAK antibody.



Immunocytochemistry analysis of FAK (green) in A549 using FAK antibody, and DAPI (blue).

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Immunohistochemistry analysis of paraffin-embedded Human colon cancer tissue using FAK antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.