

Anti-FAK Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M012611

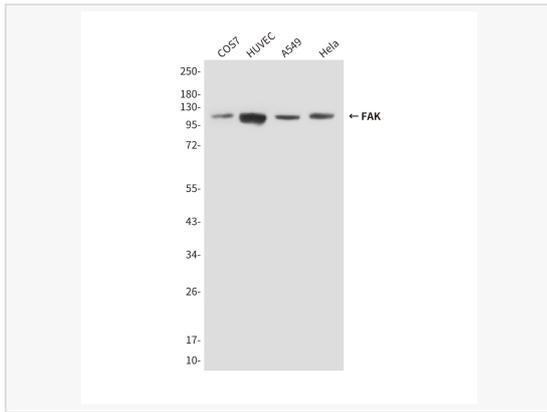
Product Information

Application	WB, ICC/IF (Cell), IP, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Mouse
Clonality	Monoclonal
Clone No.	80K45K11
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant human FAK protein fragments expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-FAK antibody [80K45K11] is for research use only and not for use in diagnostic or therapeutic procedures.

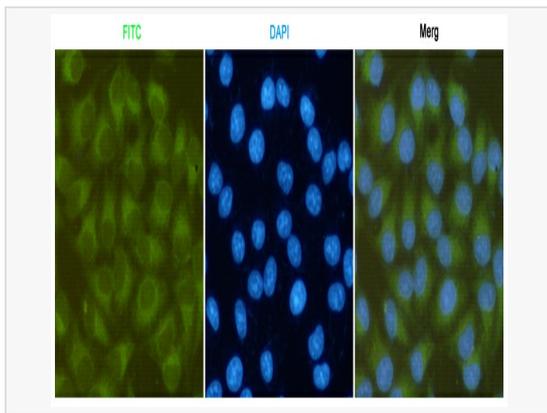
Protein Information

Synonyms	PTK2, FAK, FAK1, Focal adhesion kinase 1, FADK 1, Focal adhesion kinase-related nonkinase, FRNK, Protein phosphatase 1 regulatory subunit 71, PPP1R71, Protein-tyrosine kinase 2, p125FAK, pp125FAK.
Calculated MW	Calculated MW: 119 kDa; Observed MW: 125 kDa
Uniprot ID	Q05397
Gene ID	5747
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.

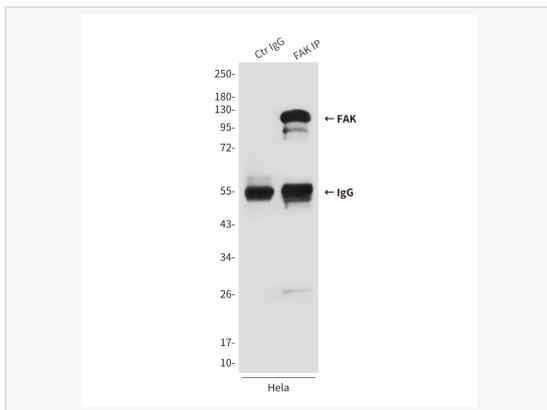
Validation Images



Western blot analysis of FAK in COS7, HUVEC, A549 and HeLa lysates using FAK antibody [80K45K11].



Immunofluorescence analysis of FAK in HeLa using FAK antibody [80K45K11].



Immunoprecipitation analysis of FAK in HeLa lysates using FAK antibody [80K45K11].