

Mouse FAK Monoclonal Antibody | anti-FAK antibody

FAK (Phospho-Ser 722) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA310990	Mouse	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Immunoprecipitation, Western Blot

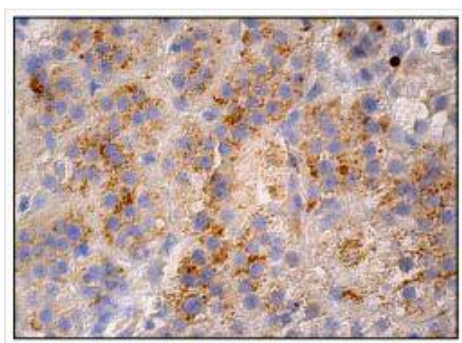
PRODUCT SYNONYMS

FAK; Monoclonal Antibody; FAK (Phospho-Ser 722) Antibody; FADK 1 antibody; FADK antibody; FAK related non kinase polypeptide antibody; FAK1 antibody; FAK1_HUMAN antibody; Focal adhesion kinase 1 antibody; Focal adhesion Kinase antibody; Focal adhesion kinase isoform FAK Del33 antibody; Focal adhesion kinase related nonkinase antibody; FRNK antibody; p125FAK antibody; pp125FAK antibody; PPP1R71 antibody; Protein phosphatase 1 regulatory subunit 71 antibody; Protein tyrosine kinase 2 antibody; Protein-tyrosine kinase 2 antibody; Ptk2 antibody; PTK2 protein tyrosine kinase 2 antibody; anti-FAK antibody

PRODUCT SPECIFICATIONS

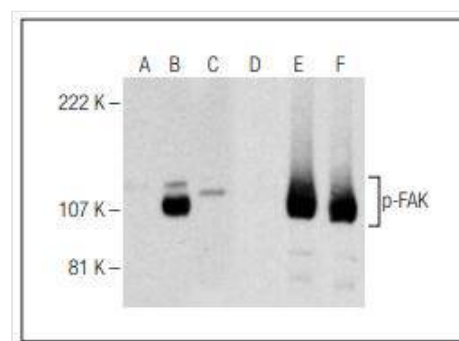
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	4G1
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-FAK antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



Application Data

B. Immunoperoxidase staining of formalin fixed, paraffin-embedded human adrenal gland tissue showing cytoplasmic staining of glandular cells.



WB (Western Blot)

A. Western blot analysis of FAK phosphorylation in non-transfected: (A, D), untreated human FAK transfected: (B, E) and lambda protein phosphatase treated human FAK transfected: (C, F) 293T whole cell lysates. Antibodies tested include p-FAK (A-12): (A, B, C) and FAK (C-903): (D, E, F).

ADDITIONAL INFORMATION

Related Product Information for anti-FAK antibody	Activation of integrins in the extracellular matrix (ECM) of eukaryotic cells promotes the formation of membrane adhesion complexes, known as focal adhesions, which can include cytoskeletal proteins and protein tyrosine kinases, such as focal adhesion kinase (FAK). Phosphorylation events occurring within focal adhesions influence numerous processes that include mitogenic signaling, cell survival and cell motility. FAK is a non-receptor tyrosine kinase that is ubiquitously expressed and highly conserved between species. FAK is recruited by integrin clusters and variably phosphorylated depending on the effector molecules present in the focal adhesion. Phospho-rylation of FAK Tyr 397 decreases during serum starvation, contact inhibition and cell cycle arrest, all conditions under which activating FAK Tyr 407 phosphorylation increases.
Product Categories/Family for anti-FAK antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	313851044
NCBI GeneID	5747
NCBI Accession #	NP_001186578.1
NCBI GenBank Nucleotide #	NM_001199649.1
UniProt Accession #	Q05397; Q14291; Q9UD85; B4E2N6; F5H4S4
Molecular Weight	119,233 Da
NCBI Official Full Name	focal adhesion kinase 1 isoform c
NCBI Official Synonym Full Names	protein tyrosine kinase 2
NCBI Official Symbol	PTK2
NCBI Official Synonym Symbols	FAK; FADK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK
NCBI Protein Information	focal adhesion kinase 1; FADK 1; PTK2 protein tyrosine kinase 2; FAK-related non-kinase polypeptide; focal adhesion kinase-related nonkinase; protein phosphatase 1 regulatory subunit 71; protein phosphatase 1, regulatory subunit 71
UniProt Protein Name	Focal adhesion kinase 1
UniProt Gene Name	PTK2
UniProt Synonym Gene Names	FAK; FAK1; FADK 1; FRNK; PPP1R71
UniProt Entry Name	FAK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.