

Mouse anti-Human FAK Monoclonal Antibody | anti-FAK antibody

FAK Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320367	Mouse	Human	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

FAK; Monoclonal Antibody; FAK Mouse mAb; FADK 1; FADK; FAK 1; FAK related non kinase polypeptide; FAK1; FAK1_HUMAN; Focal adhesion kinase 1; Focal adhesion Kinase; Focal adhesion kinase isoform FAK Del33; Focal adhesion kinase related nonkinase; FRNK; p125FAK; pp125FAK; PPP1R71; Protein phosphatase 1 regulatory subunit 71; Protein tyrosine kinase 2; Protein Tyrosine Kinase Cytoplasmic; Protein-tyrosine kinase 2; PTK 2; PTK2; PTK2 protein tyrosine kinase 2; PTK2 protein tyrosine kinase 2.; anti-FAK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of FAK and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-FAK antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human FAK protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells fixed by anhydrous methanol at -20° and using FAK mouse mAb (dilution 1:200).



WB (Western Blot)

Western blot detection of FAK in COS7, HUVEC, A549 and HeLa cell lysates using FAK mouse mAb (1:1000 diluted). Predicted band size: 125KDa. Observed band size: 125KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-FAK antibody

protein tyrosine kinase 2 (PTK2) Homo sapiens 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. Several transcript variants encoding different isoforms have been found for this gene, but the full-length nature of only four of them have been determined. [provided by RefSeq, Oct 2015]

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fak-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320367>