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

FAK Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320063	**Mouse**	**Human, Mouse**	**ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

FAK; Monoclonal Antibody; FAK Monoclonal Antibody; Focal adhesion kinase 1; PTK2; FAK1; FADK 1; Focal adhesion kinase-related nonkinase; FRNK; Protein phosphatase 1 regulatory subunit 71; PPP1R71; Protein-tyrosine kinase 2; p125FAK; pp125FAK; anti-FAK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Specificity	FAK Monoclonal Antibody detects endogenous levels of FAK protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-FAK antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human FAK expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of B16 cells using FAK Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye.

IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded cervices tumour with DAB staining using FAK Monoclonal Antibody.

WB (Western Blot)
Western Blot analysis using FAK Monoclonal Antibody against A549 (1) and NIH/3T3 (2) cell lysate.

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 natures of only four of them have been determined. [provided by RefSeq, Oct 2015]
Product Categories/Family for anti-FAK antibody	Primary Antibodies

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-immunohistochemistry-western-blot-elisa/320063