

Datasheet for ABIN685082

anti-FAK antibody (pTyr407) (Cy5)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	FAK (PTK2)
Binding Specificity:	pTyr407
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAK antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human FAK around the phosphorylation site of Tyr407
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FAK (PTK2)
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Target Details

Alternative Name:	FAK (PTK2 Products)
Background:	Synonyms: FAK phospho Y407, p-FAK phospho Y407, FADK 1, FADK, FAK 1, FAK related non kinase polypeptide, FAK1, Focal adhesion kinase 1, FRNK, pp125FAK, Protein tyrosine kinase 2, Protein Tyrosine Kinase Cytoplasmic, PTK 2, FAK1_HUMAN, Focal adhesion kinase-related nonkinase, Protein phosphatase 1 regulatory subunit 71, PPP1R71, Protein-tyrosine kinase 2, p125FAK. Background: Non-receptor protein-tyrosine kinase implicated in signaling pathways involved in cell motility, proliferation and apoptosis. Activated by tyrosine-phosphorylation in response to either integrin clustering induced by cell adhesion or antibody cross-linking, or via G-protein coupled receptor (GPCR) occupancy by ligands such as bombesin or lysophosphatidic acid, or via LDL receptor occupancy. Plays a potential role in oncogenic transformations resulting in increased kinase activity. [SUBCELLULAR LOCATION] Cell junction, focal adhesion. Cell membrane, Peripheral membrane protein, Cytoplasmic side. Note=Constituent of focal adhesions.
Gene ID:	5747
UniProt:	Q05397
Pathways:	Response to Growth Hormone Stimulus , CXCR4-mediated Signaling Events , Smooth Muscle Cell Migration , Signaling of Hepatocyte Growth Factor Receptor , VEGF Signaling

Application Details

Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months