

Datasheet for ABIN6243657
anti-FAK antibody (AA 557-587)



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2 Images

Overview

Quantity:	400 µL
Target:	FAK (PTK2)
Binding Specificity:	AA 557-587
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAK antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This FAK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 557-587 amino acids from human FAK1.
Clone:	RB15627
Isotype:	Ig Fraction
Predicted Reactivity:	C, M, Rat, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FAK (PTK2)
Alternative Name:	FAK1 (PTK2 Products)

Target Details

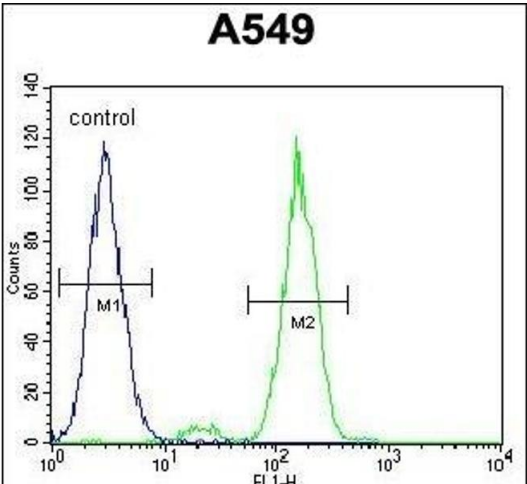
Background:	FAK1 is a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. This protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of the gene encoding FAK1 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.
Molecular Weight:	119233
NCBI Accession:	NP_001186578 , NP_722560
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:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

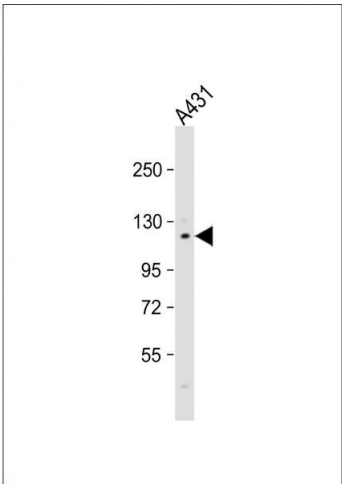
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



Flow Cytometry

Image 1. FAK1 Antibody (ABIN6243657 and ABIN6579007) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Anti-FAK1 Antibody at 1:1000 dilution + A431 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 119 kDa. Blocking/Dilution buffer: 5 % NFDm/TBST.