

Datasheet for ABIN4953249

anti-FAK antibody[Go to Product page](#)**2** Images

Overview

Quantity:	0.1 mL
Target:	FAK (PTK2)
Reactivity:	Human, Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FAK antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	A human recombinant partial protein was used as the immunogen for this FAK antibody.
Clone:	3D8-H11-E12
Isotype:	IgG1
Purification:	Protein G affinity

Target Details

Target:	FAK (PTK2)
Alternative Name:	FAK / Focal Adhesion Kinase (PTK2 Products)
Background:	Focal Adhesion Kinase, or FAK, is a non-receptor protein-tyrosine kinase that plays an essential role in regulating cell migration, adhesion, spreading, reorganization of the actin cytoskeleton, formation and disassembly of focal adhesions and cell protrusions, cell cycle progression, cell

Target Details

	proliferation and apoptosis. [UniProt]
UniProt:	Q05397
Pathways:	Response to Growth Hormone Stimulus, CXCR4-mediated Signaling Events, Smooth Muscle Cell Migration, Signaling of Hepatocyte Growth Factor Receptor, VEGF Signaling

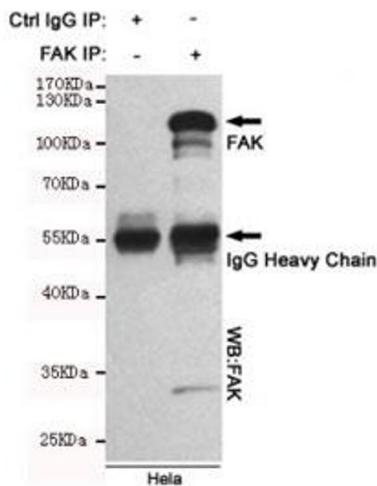
Application Details

Application Notes:	The stated application concentrations are suggested starting points. Titration of the FAK antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,ICC/IF: 1:200,Immunoprecipitation: suitable
Restrictions:	For Research Use only

Handling

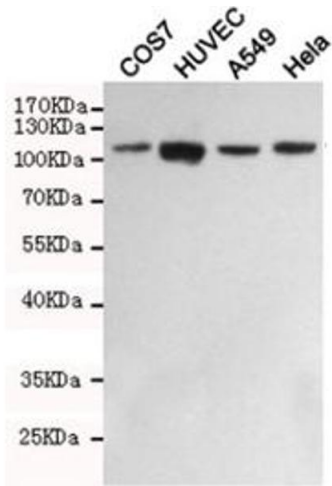
Buffer:	Antibody in PBS with 50 % Glycerol and 0.03 % ProClin 300
Storage:	-20 °C
Storage Comment:	Store the FAK antibody at -20°C.

Images



Western Blotting

Image 1. Immunoprecipitation and western blot of HeLa cell lysate using the FAK antibody.



Western Blotting

Image 2. Western blot testing of monkey COS7, human HUVEC, human A549 and human HeLa cell lysates with FAK antibody at 1:1000. FAK has numerous isoforms and is routinely observed in western blot between 80~125 kDa.