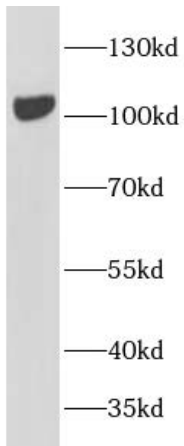
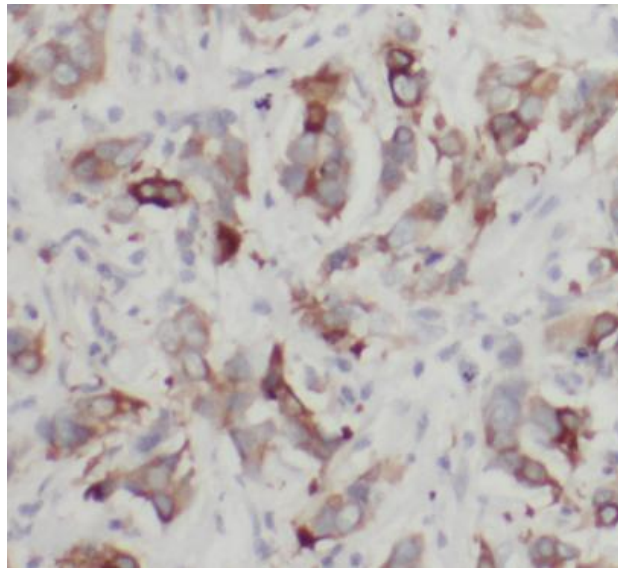

Product name:	FAK Mouse Monoclonal Antibody
Cat number:	MAB-10157
Conjugate:	Unconjugated
Size:	100µg
Clone:	1C4
Concentration:	1mg/ml
Host:	Mouse
Isotype:	IgG2c
Immunogen:	Focal adhesion kinase 1
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:500-1:3000 Immunohistochemistry: 1:20-1:200 Immunofluorescence: 1:20-1:200
Molecular Weight:	110 kDa
Purification:	Protein A+G purification
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Storage:	Store at -20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Background:	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.



MCF7 cells were subjected to SDS PAGE followed by western blot with FAK Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using FAK Antibody at dilution of 1:100.