Recombinant FAK Monoclonal Antibody

catalog number: **E-AB-81468**

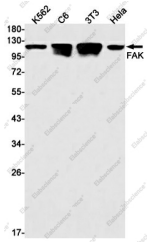
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human FAK
Host	Rabbit
Isotype	Rabbit IgG
Clone	C123254
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:1000-1:2000
IHC	1:50-1:100

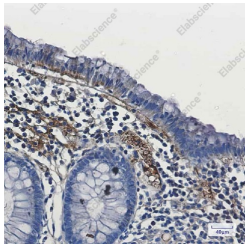
Data



Western blot detection of FAK in K562,C6,3T3,Hela cell lysates using FAK Rabbit mAb(1:1000 diluted).Predicted band size:119kDa.Observed band size:125kDa.

Observed-MW:125 kDa

Calculated-MW:119 kDa



Immunohistochemistry of FAK in paraffin-embedded Human colon cancer tissue using FAK Rabbit mAb at dilution 1:50

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

FAK (Focal adhesion kinase 1) is also named as FAK1,FADK,pp125FAK,FAK and belongs to the protein kinase superfamily. It is a critical tyrosine kinase that modulates cell adhesion,migration,proliferation and survival in response to extracellular signals . It also acts as a pivotal signal 'integrator',controlling and coordinating cellular responses that include cell migration,survival,proliferation and,epithelial tissue repair after DNA damage . This protein has 6 isoforms produced by alternative promoter usage and alternative splicing.

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