

Recombinant FAK Monoclonal Antibody

Catalog Number:E-AB-81468



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

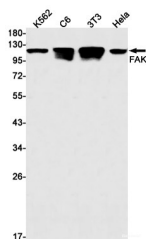
Description

Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human FAK
Host	Rabbit
Isotype	IgG
Clone	R06-6B6
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

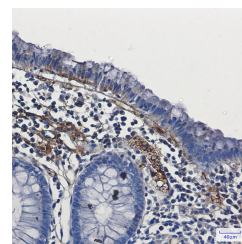
WB	1:1000-1:2000
IHC	1:50-1:100

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:125kDa
Calculated Mw:119kDa



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. Avoid freeze / thaw cycles.

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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