

FAK Rabbit monoclonal antibody

Catalog: BS9850M

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Focal adhesion kinase was initially identified as a major 125 kDa substrate for the intrinsic protein tyrosine kinase activity of Src-encoded pp60. The deduced amino acid sequence of FAK p125 has shown it to be a cytoplasmic protein tyrosine kinase whose sequence and structural organization are unique as compared to other proteins described to date. Localization of p125 by immunofluorescence suggests that it is primarily found in cellular focal adhesions leading to its designation as focal adhesion kinase (FAK). FAK is concentrated at the basal edge of only basal keratinocytes that are actively migrating and rapidly proliferating in repairing burn wounds, and is activated and localized to the focal adhesions of spreading keratinocytes in culture.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 125 kDa

Swiss-Prot:

Q05397

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000-1:2000

ICC/IF: 1:50-1:200

IHC: 1:50-1:200

FC: 1:50-1:100

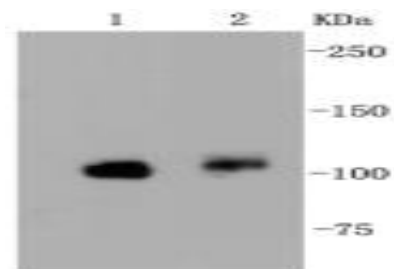
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

This antibody detects endogenous levels of FAK and does not cross-react with related proteins.

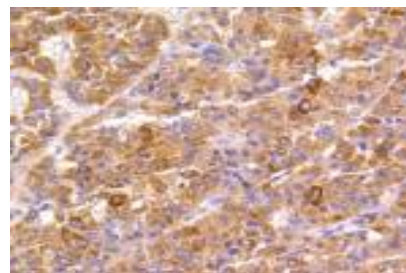
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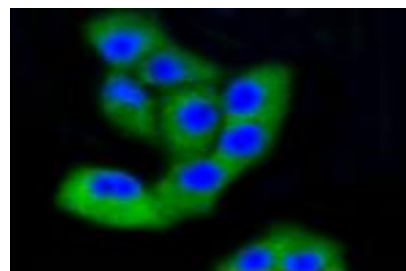
Western blot (WB) analysis of FAK Rabbit mAb at 1:1000 dilution

Lane1:Hela whole cell lysate

Lane2:The spleen tissue lysate of Mouse



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-FAK antibody. Counter stained with hematoxylin.



ICC staining FAK in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS

Note:

For research use only, not for use in diagnostic procedure.

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