



FAK Mouse Monoclonal Antibody

E10-30053

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.

Catalog Number: E10-30053
Amount: 100µg/100µl
Clone Number: 10H7E9
Species: Mouse IgG1
MW 119kDa
Aliases: FAK; FADK; FAK1; FRNK; pp125FAK; PTK2
Entrez Gene: 5747
Immunogen: Purified recombinant fragment of human FAK expressed in E. Coli.
Storage: Store at 4°C, for long term storage, store at -20°C.
Formulation: Ascitic fluid containing 0.03% sodium azide.
Species Reactivities: Human
Tested Applications: WB, IF, FC, ELISA. Not yet tested in other applications.
Application notes: WB: 1/500 - 1/2000, IF: 1/200-1/1000, FC: 1/200-1/400, ELISA: Propose dilution 1/10000.

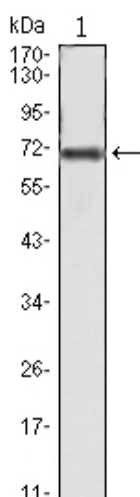


Figure 1: Western blot analysis using NME1 mAb against NME1-hlgGfC transfected HEK293 cell lysate.

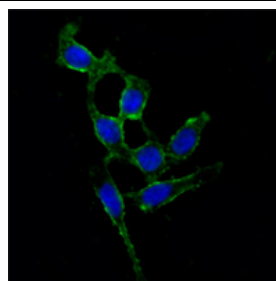


Figure 2: Immunofluorescence analysis of A549 cells using FAK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

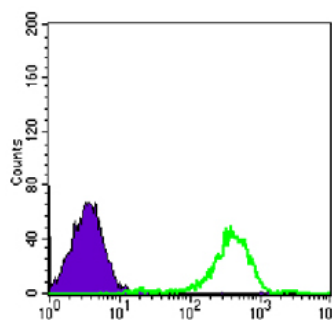


Figure 3: Flow cytometric analysis of Raji cells using FAK mouse mAb (green) and negative control (purple).

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