
Paxillin Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251787

Unit: 0.1 mg

Description:

Paxillin is a signal transduction adaptor protein. The C-terminal region of paxillin contains four LIM domains which target paxillin to focal adhesions, presumably through a direct association with the cytoplasmic tail of beta-integrin. The N-terminal region of paxillin is rich in protein-protein interaction sites. The proteins that bind to paxillin are diverse and include protein tyrosine kinases, such as Src and FAK, structural proteins, such as vinculin and actopaxin, and regulators of actin organization, such as COOL/PIX and PKL/GIT. Paxillin is tyrosine-phosphorylated by FAK and Src upon integrin engagement or growth factor stimulation, creating binding sites for the adapter protein Crk.

Isotype: Mouse IgG1

Applications: E, WB, ICC

Species Reactivity: H, M, R, Ck

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Paxillin; PXN

Accession No.: P49024

Antigen: Recombinant C-terminal chicken paxillin (aa 305-559)

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.