

Product datasheet for **TA385935**

Paxillin (PXN) Mouse Monoclonal Antibody [Clone ID: LD4 sAB]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LD4 sAB
Applications:	ELISA, WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Peptide corresponding to human paxillin-LD4 motif (residues 260-278) fused to MBP; peptide sequence: WGGSATRELDLMASLSD.
Specificity:	<p>The antibody binds specifically to the LD-4 motif of human paxillin with a Kd of 6 nM.</p> <p>This antibody binds to the LD4-motif of human paxillin, a signal transduction adaptor protein involved in focal adhesion, with binding partners including integrins, Src, FAK or actin complexes. The antibody inhibits complex formation between paxillin and FAK. Paxillin is involved in both inside-out cell signalling and outside-to-inside cell signalling.</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	paxillin
Database Link:	Entrez Gene 5829 Human P49023
Synonyms:	FLJ16691; paxillin
Note:	This full-length, reformatted mouse antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques.



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