

Alisha's chart of adhesions drawn from a variety of papers by Yamada and Gieger

	Focal contact (incomplete list)	FA	Fibrillar adhesion	Matrix adhesion
$\beta 3$ integrin ( $\alpha_v\beta_3$ )	+	+	-	-
$\alpha 5$ integrin ( $\alpha_5\beta_1$ )	+?	- (periph)	+	+
$\beta 1$ integrin	+?	+	+	+
FN		- (periph)	+	+
$\alpha$ -actinin		+	+/-	+
F-actin		+	+	+
FAK		+	-	+
P-FAK <sup>397</sup>		+	-	- (tips sometimes)
Paxillin	+	+	-	+
P-Paxillin <sup>31</sup>		+	-	+
Talin <sup>*,%</sup>		+	+	+
Tensin		+	+	+
Vinculin <sup>%</sup>	+	+	-	+
Phosphotyrosine		+	-	+
ERK				elevated
Actin Localization		Ends of SF	Long actin filaments	(no/few SF)
Length	Round	1.5	3	19
L/W ratio		3	7	40
Comments/Requirements	Initial structure	tension to form/maintain	reorganization of FN to form	soft, more than FN (prob coll and HS)

\*Protein levels decreased rapidly when fibroblasts plated on soft surface (Wang, JBS '03)

%Expression decreased for Ecs on soft substrates (Deroane, ECR '96)