

Table 1: Antibodies

| Molecule | Company | Species | Dilution | Applications | Technical Specifications |
|---------------------------|------------------------|---------|---|--------------|--|
| Elastin | Elastin products Co. | Rabbit | 1 : 250 | WB, IHC | 1% BSA, 4°C O/N ; Unmasking – Guanidine HCl (6M), Dithiothreitol (50mM) and Iodoacetamide (100mM) |
| Elastin | Santa Cruz | Goat | 1 : 100 | IHC | Unmasking – Citrate buffer and microwave |
| Smad3 | Zymed | Rabbit | 1:1000 | WB | 1% BSA, 4°C O/N |
| βActin | Chemicon | Mouse | 1 : 30,000 | WB | 1% Milk, Room Temp 15min |
| α Smooth Muscle Actin | NeoMarkers | Mouse | 1:1000, 1 : 250 (tissues) and 1:100 (cells) | WB, IHC | 1% BSA, 4°C O/N; Unmasking – Tissues: None, MOM kit (Vector Labs) Cells: Acetone 5min |
| TGFβ1 | CC 1-30-1 * | Rabbit | (1 µg/ml) | IHC | Unmasking – Hyaluronidase (1mg/ml) 30min |
| Phospho- FAK (Tyr397) | BD Transduction | Mouse | 1 : 500 | WB | 1% BSA, 4°C O/N |
| Total FAK | BD Transduction | Mouse | 1 : 500 | WB | 1% BSA, 4°C O/N |
| Phospho-Paxillin (Tyr118) | Cell Signaling | Rabbit | 1 : 1000 | WB | 1% BSA, 4°C O/N |
| Phospho-Src (Tyr416) | Cell Signaling | Rabbit | 1 : 1000 | WB | 1% BSA, 4°C O/N |
| Total-Src (Tyr416) | Cell Signaling | Rabbit | 1 : 1000 | WB | 1% BSA, 4°C O/N |
| Integrin αVβ3 | Chemicon | Rabbit | 1µg/200ug lysate | IP | Protein Sepharose G |
| Integrin αVβ5 | Chemicon | Rabbit | 1µg/200ug lysate | IP | Protein Sepharose G |
| Integrin αV | Chemicon | Mouse | 1:2000 | WB | 1% BSA, 4°C O/N |
| Phalloidin | Molecular Probes | FITC | 1:20 | IF | Blocking: BSA (1%) & Glycine (50mM) |
| Neutrophil | Serotec | Rat | 1:2000 | IHC | Unmasking – Citrate buffer and microwave |
| F4 / 80 | Serotec | Rat | 1:250 | IHC | Unmasking – Citrate buffer and microwave |
| Collagen I | Southern Biotechnology | Goat | 1:100 | IHC | Unmasking – Acetone 5min |

* Flanders, K.C., Thompson, N.L., Cissel, D.S., Ellingsworth, L.R., Sporn, M.B., and Roberts, A.B.: Epitope-dependent immunohistochemical localization of transforming growth factor-beta. *J. Cell Biol.* 108: 653-660, 1989.

Horse-radish peroxidase substrates: **DAB** = diaminobenzidine
(Vector labs) **VIP** = Very Intense Purple.