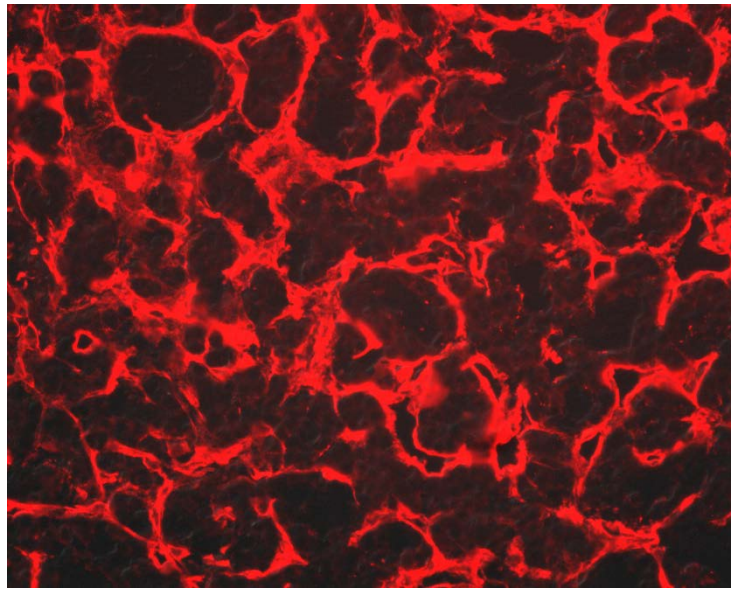


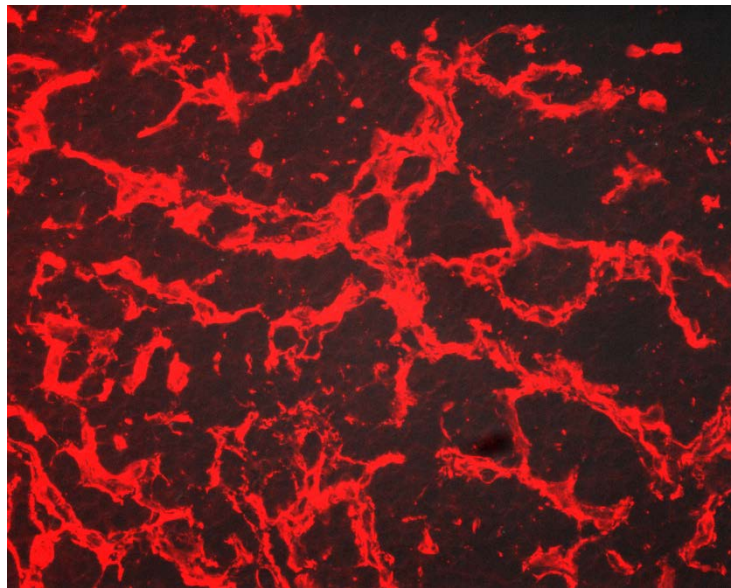
Figure 4A RIP1-Tag 5

Laminin

CSG



TNF-RGR



TNF-CSG

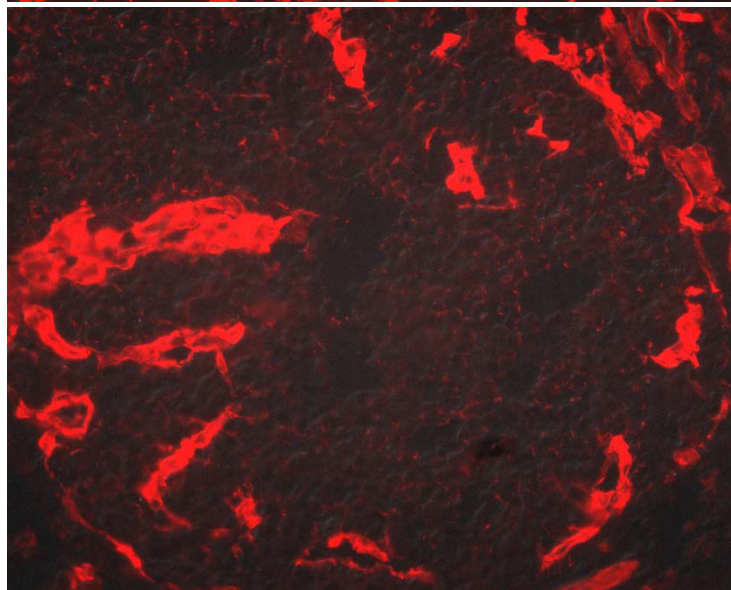
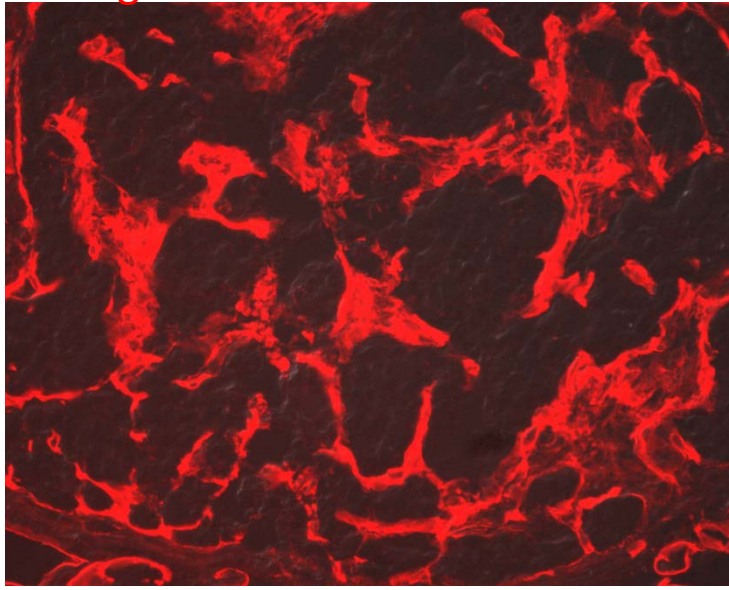


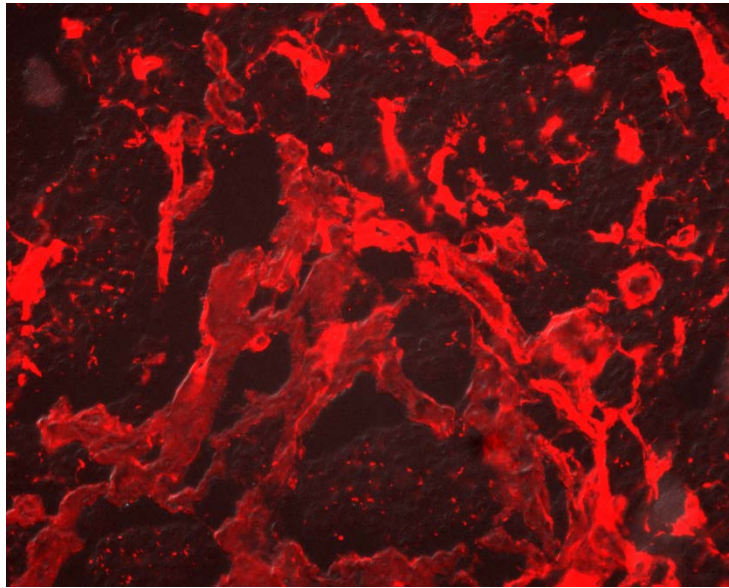
Figure 4A RIP1-Tag 5

Nidogen-1

CSG



TNF-RGR



TNF-CSG

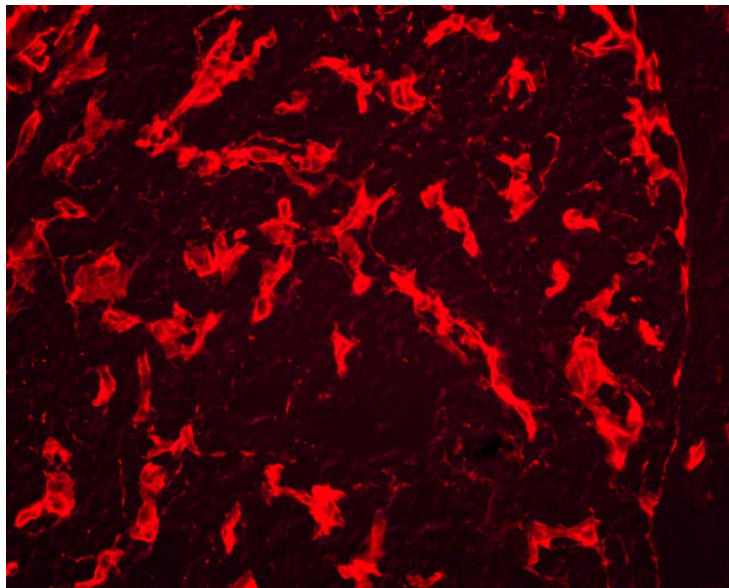
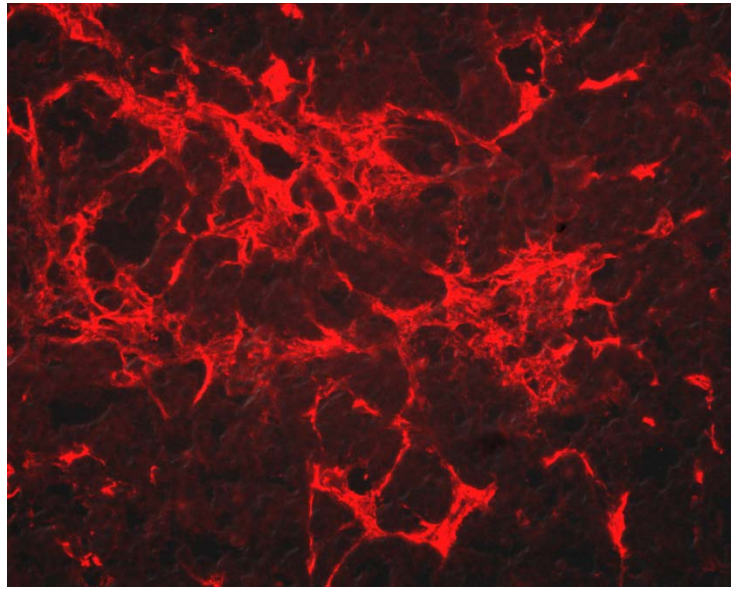


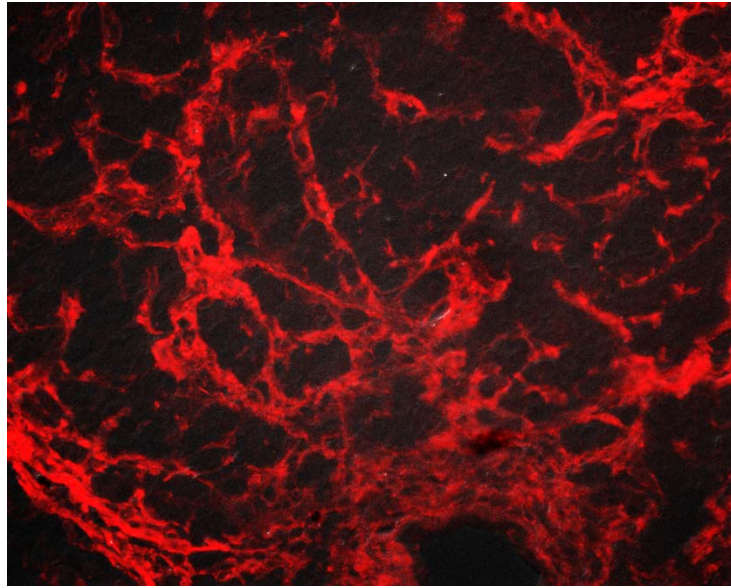
Figure 4A RIP1-Tag 5

Collagen-IV

CSG



TNF-RGR



TNF-CSG

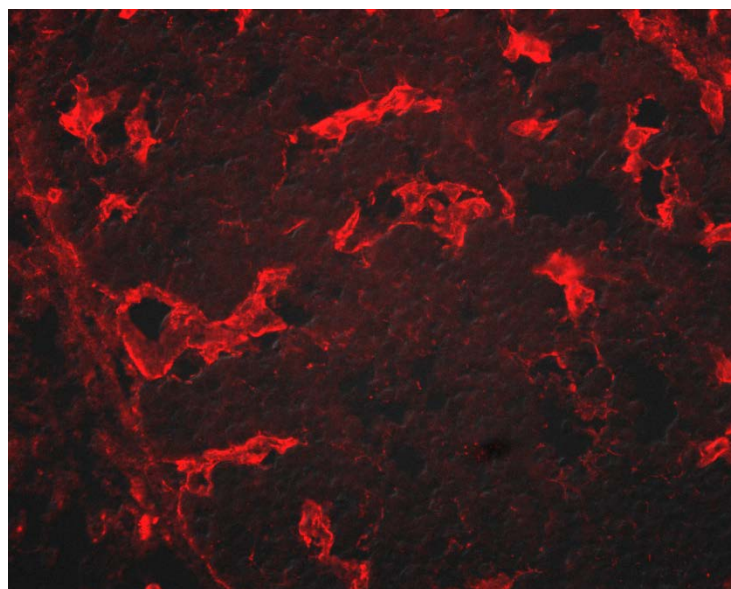


Figure 4B: % of staining/area

Laminin

| Untreated | CSG | TNF-RGR 5 ug | TNF-CSG 2 ug | TNF-CSG 5 ug |
|-----------|-------|--------------|--------------|--------------|
| 18.65 | 16.6 | 9.67 | 5.36 | 8.15 |
| 17.37 | 13.29 | 11.07 | 11.69 | 8.48 |
| 15.55 | 17.99 | 14.01 | 11 | 6.25 |
| | 11.14 | 22.79 | 7.04 | 12.24 |
| | 14.31 | 13.7 | 10.22 | 8.44 |
| | 12.56 | 12.64 | 10.09 | 8.03 |
| | | 20.6 | | |
| | | 16.28 | | |

Nidogen 1

| Untreated | CSG | TNF-RGR 5 ug | TNF-CSG 2 ug | TNF-CSG 5 ug |
|-----------|-------|--------------|--------------|--------------|
| 14.77 | 16.3 | 16.42 | 12.37 | 12.08 |
| 15.32 | 11.37 | 20.19 | 6.25 | 5.12 |
| 17.66 | 15.17 | 14.72 | 8.1 | 9.97 |
| | 14.76 | 15.71 | 7.2 | 10.5 |
| | 20.63 | 20.7 | 11.05 | 10.72 |
| | 19.73 | 12.33 | 10.2 | 11.23 |
| | | 12.16 | | |
| | | 16.15 | | |

| Untreated | CSG | TNF-RGR 5 ug | TNF-CSG 2 ug | TNF-CSG 5 ug |
|-----------|-------|--------------|--------------|--------------|
| 19.2 | 11.76 | 12.77 | 5.82 | 11.2 |
| 11.33 | 12.2 | 13.3 | 6.66 | 8.3 |
| 17.4 | 15.55 | 10.7 | 7.98 | 5.99 |
| | 18.2 | 16.86 | 10.33 | 11.67 |
| | 12.67 | 17.22 | 10.19 | 10.29 |
| | 21.23 | 20.75 | 7.22 | 5.62 |
| | | 19.59 | | |

One-way ANOVA multiple comparison

| Tukey's multiple comparisons test | Mean Diff. | 95.00% CI of diff. | Significant? | Summary | Adjusted P Value |
|-----------------------------------|------------|--------------------|--------------|---------|------------------|
| Laminin | | | | | |
| Untreated vs. CSG | 2.875 | -3.623 to 9.3 | No | ns | 0.6917 |
| Untreated vs. TNF-RGR 5 ug | 2.095 | -4.126 to 8.3 | No | ns | 0.8563 |
| Untreated vs. TNF-CSG 2 ug | 7.957 | 1.459 to 14.4 | Yes | * | 0.0112 |
| Untreated vs. TNF-CSG 5 ug | 8.592 | 2.094 to 15.0 | Yes | ** | 0.0056 |
| CSG vs. TNF-RGR 5 ug | -0.78 | -5.743 to 4.1 | No | ns | 0.9899 |
| CSG vs. TNF-CSG 2 ug | 5.082 | -0.2238 to 10.39 | No | ns | 0.0651 |
| CSG vs. TNF-CSG 5 ug | 5.717 | 0.4112 to 11.02 | Yes | * | 0.0303 |
| TNF-RGR 5 ug vs. TNF-CSG 2 ug | 5.862 | 0.8988 to 10.82 | Yes | * | 0.0151 |
| TNF-RGR 5 ug vs. TNF-CSG 5 ug | 6.497 | 1.534 to 11.46 | Yes | ** | 0.0062 |
| TNF-CSG 2 ug vs. TNF-CSG 5 ug | 0.635 | -4.67 to 5.94 | No | ns | 0.9965 |
| Nidogen-1 | | | | | |
| Untreated vs. CSG | -0.41 | -6.298 to 5.4 | No | ns | 0.9996 |
| Untreated vs. TNF-RGR 5 ug | -0.1308 | -5.768 to 5.5 | No | ns | >0.9999 |
| Untreated vs. TNF-CSG 2 ug | 6.722 | 0.8339 to 12.61 | Yes | * | 0.0197 |
| Untreated vs. TNF-CSG 5 ug | 5.98 | 0.09225 to 11.87 | Yes | * | 0.0453 |

| | | | | | |
|-------------------------------|---------|---------------|-----|----|---------|
| CSG vs. TNF-RGR 5 ug | 0.2792 | -4.218 to 4.7 | No | ns | 0.9997 |
| CSG vs. TNF-CSG 2 ug | 7.132 | 2.324 to 11.5 | Yes | ** | 0.0018 |
| CSG vs. TNF-CSG 5 ug | 6.39 | 1.583 to 11.2 | Yes | ** | 0.0053 |
| TNF-RGR 5 ug vs. TNF-CSG 2 ug | 6.853 | 2.356 to 11.3 | Yes | ** | 0.0013 |
| TNF-RGR 5 ug vs. TNF-CSG 5 ug | 6.111 | 1.614 to 10.6 | Yes | ** | 0.0043 |
| TNF-CSG 2 ug vs. TNF-CSG 5 ug | -0.7417 | -5.549 to 4.0 | No | ns | 0.9906 |
| Colagen IV | | | | | |
| Untreated vs. CSG | 0.7083 | -6.071 to 7.4 | No | ns | 0.9979 |
| Untreated vs. TNF-RGR 5 ug | 0.09238 | -6.523 to 6.7 | No | ns | >0.9999 |
| Untreated vs. TNF-CSG 2 ug | 7.943 | 1.164 to 14.7 | Yes | * | 0.0163 |
| Untreated vs. TNF-CSG 5 ug | 7.132 | 0.3525 to 13 | Yes | * | 0.0359 |
| CSG vs. TNF-RGR 5 ug | -0.616 | -5.95 to 4.71 | No | ns | 0.9969 |
| CSG vs. TNF-CSG 2 ug | 7.235 | 1.7 to 12.77 | Yes | ** | 0.0064 |
| CSG vs. TNF-CSG 5 ug | 6.423 | 0.8882 to 11 | Yes | * | 0.0175 |
| TNF-RGR 5 ug vs. TNF-CSG 2 ug | 7.851 | 2.517 to 13.1 | Yes | ** | 0.002 |
| TNF-RGR 5 ug vs. TNF-CSG 5 ug | 7.039 | 1.705 to 12.3 | Yes | ** | 0.0058 |
| TNF-CSG 2 ug vs. TNF-CSG 5 ug | -0.8117 | -6.347 to 4.7 | No | ns | 0.9921 |

Figure 4D: Correlation CD45+ cells and COL-IV staining

| COL-IV | CD45+ |
|--------|--------|
| 19.735 | 7.228 |
| 7.153 | 10.898 |
| 3.65 | 13.7 |
| 30.12 | 6.06 |
| 1.457 | 12.178 |
| 13.828 | 7.932 |
| 2.533 | 13.55 |
| 21.143 | 6.8 |
| 7.544 | 7.237 |
| 3.043 | 8.927 |

| | |
|-------------------------------|---------|
| Spearman r | |
| r | -0.8788 |
| 95% confidence interval | |
| P value | |
| P (two-tailed) | 0.0016 |
| P value summary | ** |
| Exact or approximate P value? | Exact |
| Significant? (alpha = 0.05) | Yes |
| Number of XY Pairs | 10 |