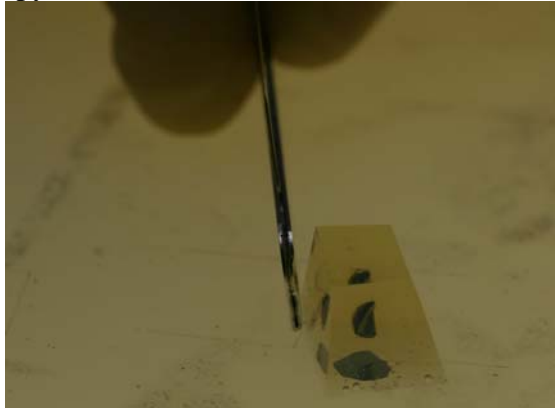
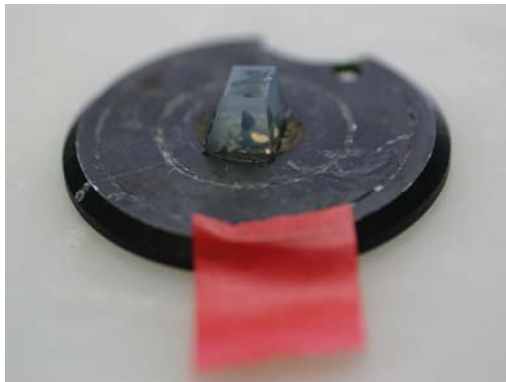


Immunocytochemistry for Confocal Microscopy
II. Sectioning

1. Break a double edged razor blade in half, clean with 70% Ethanol, and mount in vibratome.
2. Cut a small block around tissue in agarose. Tissue should be oriented as shown below with the longest side vertically and the sides of the block should be sloped (pyramidal).



3. Glue the block on to the vibratome chuck with Krazy Glue.



4. Put the chuck (with tissue glued) and some PBS into the vibratome well until the block is entirely submerged in cold (4°C) 1xPBS. Adjust the blade so that it cuts entirely through the block.
5. Cut sections at 100 μm thickness and transfer them to cold PBS using a camel hair paint brush. We use small plastic microbeakers to store or process the sections. Do not keep the first section cut (it will be of unknown thickness).
6. Rinse once with cold 1x PBS.
7. Place sections in antibody blocking solution for immediate use (see immuno run protocol) or 4% paraformaldehyde fix for short or long-term storage.