

Immunocytochemistry Protocol

Buffers and Reagents:

Wash buffer: PBS <http://www.fitzgerald-fii.com/pbs-10x-concentrate-85r-125.html>

Primary antibody: See our selection of monoclonals at <http://www.fitzgerald-fii.com/monoclonal-antibodies.html> or polyclonals at <http://www.fitzgerald-fii.com/polyclonal-antibodies.html>

Secondary antibody: See our full list of conjugated secondary antibodies at <http://www.fitzgerald-fii.com/secondary-antibodies.html>, and choose by source animal, conjugated substance for your choice.

Mounting media: <http://www.fitzgerald-fii.com/mounting-media-99-med.html>

Some other useful reagents: <http://www.fitzgerald-fii.com/diluents.html>

General Procedure:

1. Fix cells with 2-4 % paraformaldehyde in PBS for 10 min at room temperature.
2. Wash cells twice in PBS.
3. Permeabilize the cells with 0.1 % Triton X-100 in PBS.
4. Wash cells three times in PBS.
5. Blocking with 10% normal serum.
6. Incubate cells with primary antibody in 2% normal serum for 1 hr at room temperature.
7. Wash cells in PBS three times for 5 mins
8. Incubate cells with secondary antibody in 2% normal serum for 1 hr at room temperature.
9. Wash cells in PBS three times for 5 mins.
10. Mount with mounting media and seal with nail polish