

## **Antibody Optimization Menu:**

### Immunohistochemistry:

#### Optimizing New Antibody for IHC (DAB):

- Price: \$410
- Includes:
  - Researching antibodies and controls
  - Testing antigen retrieval conditions for FFPE tissue or fixation conditions for frozen samples
  - Optimizing staining and reducing background
  - Titering
  - Pathologist review and validation

#### Optimized Antibody for IHC - New Application:

- Price: \$230
- For example, an antibody that has been optimized on human tissue but now is required on mouse tissue
- Includes:
  - Optimizing staining and reducing background
  - Titering
  - Pathologist review and validation

#### Dual IHC:

- Price:
  - If both antibodies were previously optimized by Exp. Histo.: \$325
  - 1 New Antibody in Dual: \$735
  - 2 New Antibodies in Dual: \$1150
- Includes:
  - Optimizing all new antibodies
  - Adjusting titers for new chromagens
  - Pathologist review and validation

### Immunofluorescence:

#### Optimizing New Antibody for IF:

- Price:
  - Convert antibody previously optimized in DAB by Exp. Histo. to IF: \$230
  - New Antibody to IF: \$640
- Includes:
  - Optimizing new antibodies in DAB then IF
  - Adjusting titers for new fluorophores
  - Pathologist review and validation

#### Dual IF:

- Price:
  - If both antibodies were previously optimized by Exp. Histo.: \$650
  - 1 New Antibody in Dual: \$1060
  - 2 New Antibodies in Dual: \$1470
- Includes:
  - Optimizing all new antibodies in DAB then IF
  - Adjusting titers for new fluorophores
  - Verifying staining combinations
  - Pathologist review and validation

Triple IF:

- Price:
  - If all antibodies were previously optimized by Exp. Histo.: \$1170
  - 1 New Antibody in Triple: \$1580
  - 2 New Antibodies in Triple: \$2000
  - 3 New Antibodies in Triple: \$2400
- Includes:
  - Optimizing all new antibodies in DAB then IF
  - Adjusting titers for new fluorophores
  - Verifying staining combinations
  - Pathologist review and validation

**Important points:**

- Please **do not** purchase antibodies for your project until you meet with Experimental Histopathology staff. We may already have an existing protocol or we may suggest another antibody based on your experimental needs.
- Please keep in mind that while staining protocol data from other labs and companies is very helpful, we still need to optimize antibodies completely with our lab's technology and reagents.
- We always optimize antibodies first in DAB and then proceed to fluorescence to ensure proper validation.
- Antibody optimizations are added to the queue in the order they are received.
- Some optimizations may be more complicated and we will need to renegotiate costs during the process.
- Prices do not include the cost of staining the case slides, only the optimization
- Prices do not include the cost of the primary antibodies