**Antibody Troubleshooting Form – Immunohistochemistry**

**Test Sample Information**

* Sample Species:
* Tissue Type:

**IHC Conditions**

* IHC Type:
  + Paraffin-embedded
  + Frozen Sections
  + Whole-mount Staining
  + Free-floating Sections
  + Resin Sections
  + Perfusion-fixed Frozen Sections

**Fixation Conditions**

* Fixative Used:
  + Acetone
  + Methanol
  + Formaldehyde
  + Paraformaldehyde
  + None
  + Other (Please specify):

**Antigen Retrieval**

* Was Antigen Retrieval performed (yes/no):
* Antigen Retrieval Method:
  + Heat-mediated
  + Enzymatic
  + Other (Please specify):

**Permeabilization Conditions**

* Was the sample permeabilized (yes/no):
* Permeabilization Buffer:
* Incubation Time (min):
* Incubation Temperature (˚C):

**Blocking Conditions**

* Blocking Reagent and Percentage:
* Incubation Time (h):
* Incubation Temperature (˚C):

**Primary Antibody Conditions**

* Primary Antibody Concentration (μg/mL):
* Incubation Time (h):
* Incubation Temperature (˚C):
* Buffer:

**Secondary Antibody Conditions**

* Was Secondary Antibody Used:
* Antibody Name:
* Antibody Producer and Catalog #:
* Secondary Antibody Concentration (μg/mL):
* Incubation Time (h):
* Incubation Temperature (˚C):
* Buffer:

**Detection Information**

* Detection Method:

**Experimental Context**

* Please provide a brief description of the experiment including expected/observed results and controls used:

* (Recommended) Attach representative image(s) with annotations