**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