

MVS Pacific: Custom IHC & Validation Intake Form

Objective: Please provide the technical specifications of your project. This information allows us to design the most robust validation strategy and provide an accurate quote.

1. Contact & Billing Information

Principal Investigator:

Lab Manager/Contact:

Institution/Company:

Project Timeline: Urgent (< 2 weeks) Standard (3-5 weeks) Long-term R&D

2. Target & Antibody Specifications

Target Protein/Biomarker: [e.g., OPRL1, TRPV1]

Antibody Status: * Client Provided: (Please list Vendor, Catalog #, and Lot #) [Enter info]

MVS Sourcing: (You would like MVS to select the best clone for your target)

Host Species: Rabbit Mouse Guinea Pig Goat Other: [Specify]

Antibody Type: Polyclonal Monoclonal Recombinant/Nanobody

3. Specimen Information

Species: Human Rat Mouse Other: [Specify]

Tissue Type: [e.g., Dorsal Root Ganglia, Spinal Cord, Skin]

Fixation Method: 10% NBF 4% PFA Fresh Frozen Other: [Specify]

Fixation Duration: [e.g., 24h, 48h]

Sample Format: Paraffin Blocks Unstained Slides Fixed Tissue (MVS to process)

4. Technical Goals & Detection

Primary Goal: Localization Quantification Protocol Optimization Custom Validation

Detection Method:

Chromogenic: (DAB-Brown AEC-Red Other)

Fluorescent: (Alexa Fluor 488 594 647 Other)

Multiplexing: Will this antibody be used in a multiplex panel? Yes No

If yes, list other markers in the panel: [Enter list]

5. Controls & Adjudication

Known Positive Control: [e.g., Wild-type brain tissue]

Known Negative Control: [e.g., KO Mouse, Peptide competition, Isotype]

Special Instructions: [e.g., Target is localized to the nodes of Ranvier; please prioritize axonal staining.]

6. Internal MVS Use Only (Adjudication Checklist)

[] Antigen Retrieval Method (HIER/PIER): _____

Blocking Strategy: _____

Optimal Dilution Determined: _____

Non-specific Background Assessment: _____