Protocol for Immunohistochemistry:

- **Tissue Sample**: mouse liver tissue
- **Fixative**: 10% Formalin
- **Embedding**: Paraffin
- **Negative control**: Pre-immuno serum
- **Pretreatment**: Intact
- **Blocking**: 2% Normal Goat Serum
- **Primary Antibody**: Rabbit Anti-FGF-21 (183-208) (Human) Serum (Catalog No.: H-002-47)
  - **Optimal Dilution**: 1:250~500 (overnight at 4°C)
- **Secondary Antibody**: Goat anti-Rabbit IgG, Biotinylated (1:400, 30 min)
- **Amplification**: ABC (Vector) (1:400, 30 min)
- **Detection system**: HRP
- **Substrate**: DAB (Sigma), 3 min
- **Counterstained**: Hematoxylin, 30 Sec

**Catalog #**: H-002-47

**Sequence**: (Cys) - Gln - Pro - Pro - Asp - Val - Gly - Ser - Ser - Asp - Pro - Leu - Ser - Met - Val - Gly - Pro - Ser - Gln - Gly - Arg - Ser - Pro - Ser - Tyr - Ala - Ser

**Species**: Human

**Host**: Rabbit

**Reconstitution**: For consistent and reproducible results, reconstitute with 100µl of distilled water for the equivalent of undiluted antiserum immediately before use.

**Storage Condition**: For optimal results, use the antibody as soon as possible after reconstitution. Store in lyophilized form unless needed and reconstitute immediately before use. Once reconstituted, the antibody should be stable for a few days at -4°C. For storage up to a few months, prepare small aliquots after reconstitution and freeze at -20°C or -80°C. Repeated freeze thaw cycles should be strictly avoided.

**Content**: This vial contains 100µl of rabbit anti-FGF-21 (183-208) (Human) serum in the lyophilized form.

**Recommended Dilution Factor**: Direct ELISA: 1:6400