

Monoclonal Anti-human LRH-1/NR5A2 Antibody

ORDERING INFORMATION

Catalog Number: PP-K8801-00

Clone: K8801

GenBank: U80251

Ig Class: mouse IgG_{2A}

Volume: 100 µL

Concentration: 1 mg/mL

Formulation: A liquid formulation in physiologic saline with 0.1% NaN₃

Storage: ≤ -20 °C

Specificity: human LRH-1

Applications: Western Blot
Direct ELISA
Immunoprecipitation

Description

Liver Receptor Homologous protein (LRH-1, FTF, CPF, hB1F, FTZ-F1b; NR5A2) is a member of the Orphan Nuclear Receptor family. It is a mammalian homolog of the *Drosophila fushi tarazu F1* gene product. LRH-1 is expressed in the liver and intestine. It is involved in the regulation of genes which participate in steroid, bile acid and cholesterol homeostasis.

Preparation

Produced in BALB/c mouse ascites inoculated with a hybridoma of spleen cells of a BALB/c mouse immunized with recombinant human LRH-1 (amino acids 2 - 33) and mouse myeloma cells (NS-1). The IgG fraction of the ascites fluid was purified by ammonium sulfate fractionation.

Formulation

A liquid formulation in physiologic saline with 0.1% NaN₃.

Storage

This antibody is stable for greater than six months when held at -20 °C in a **manual defrost freezer** or at -70 °C. Upon thawing, the antibody can be stored at 2-8 °C for at least 1 month without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody specifically recognizes human LRH-1 α and LRH-1 β . Not yet tested in other species.

Applications

Western Blot - This antibody can be used at 2 µg/mL under reducing conditions with the appropriate secondary reagents to detect human LRH-1.

Direct ELISA - This antibody can be used at 0.5 µg/mL with the appropriate secondary reagents to detect human LRH-1.

Immunoprecipitation - Optimal dilutions should be determined by each laboratory.

Optimal dilutions should be determined by each laboratory for each application.

Caution: Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.



Manufactured by:

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NOT FOR USE IN HUMANS.