

# Anti human LRH-1 mouse monoclonal antibody

LRH-1: Liver Receptor Homologue 1

**Code No** PP-K8801-00

**Clone No.** K8801

**Lot.** A-3

**Concentration** 1 mg/mL

**Volume** 100 uL

**Ig Class** G2a

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

**Nomenclature** NR5A2

**Genbank** U80251

**Origin** Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human LRH-1 (2-33 aa).

**Specificity** This antibody specifically recognizes human LRH-1 alpha and beta. Not yet tested in other species.

**Purification** Ammonium sulfate fractionation

**Formulation** Physiological saline with 0.1% NaN<sub>3</sub> as a preservative.

## Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

**Western Blot** 2 ug/mL

**Non reducing Western Blot** Not yet tested

**ELISA** 0.5 ug/mL

**Immunoprecipitation** Decide by use

**Supershift Assay** Not yet tested

**Chromatin immunoprecipitation** Not yet tested

**Immunohistochemistry** Not yet tested

**Storage** Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

**Reference** Miki Y, *et al.* Cancer Lett. 2006 Jan 17

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

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