

# Anti human LXR beta mouse monoclonal antibody

LXR beta: Liver X Receptor beta

**Code No** PP-K8917-00

**Clone No.** K8917

**Lot.** \*\*\*

**Concentration** 1 mg/mL

**Volume** 100 uL

**Ig Class** G2a

**Description** Liver X receptor beta (LXRb, UR, NER, RIP15, OR-1; NR1H2) is a member of orphan nuclear receptor. LXRb is expressed in a wide variety of tissues (heart, liver, kidney, brain, testis, ovary, adrenal, uterus, prostate, vagina, lung, spleen). LXRs play important role in expression of ABC transporters. The protein is expressed as a 50 kDa nuclear form. LXRb forms heterodimer with RXR.

**Nomenclature** NR1H2

**Genbank** U07132

**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 LXR beta (2-86 aa).

**Specificity** This antibody specifically recognizes human LXR beta but does not recognize human LXR alpha. This antibody does not cross react with rat LXR 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** 2 ug/mL

**ELISA** 0.1 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** Watanabe Y, et al., Nuclear Receptor, 1: 1, 2003.  
Pavan L, et al., Endocrinology, 145(10): 4583-91, 2004.

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

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited.

**MADE IN JAPAN**

May 10, 2007