

Anti human LXR alpha mouse monoclonal antibody

LXR alpha: Liver X Receptor alpha

Code No	PP-K8607-00
Clone No.	K8607
Lot.	***
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	Liver X receptor alpha (LXRα, RLD-1; NR1H3) is a member of orphan nuclear receptor. LXRα activator is the naturally occurring compound 22(R)-hydroxycholesterol (22(R)-HC), 20(S)HC, 24-HC, 25-HC, 7α-HC. LXRα is expressed in the liver, kidney and spleen. LXRα has important role in regulating cholesterol metabolism. It is believed that LXR specific agonist may have important medical applications in the regulation of cholesterol homeostasis. LXRα forms heterodimer with RXR.
Nomenclature	NR1H3
Genbank	U22662
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 alpha (2-97 aa) .
Specificity	This antibody specifically recognizes LXR alpha but does not recognize human LXR beta. Not yet tested in other species.
Purification	Ammonium sulfate fractionation
Formulation	Physiological saline with 0.1% NaN ₃ 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	0.3 ug/mL
Immunoprecipitation	Decide by use
Supershift Assay	Decide by use
Chromatin immunoprecipitation	Decide by use
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,

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

Aug 23, 2006