

Anti human LXR alpha mouse monoclonal antibody

LXR alpha: Liver X Receptor alpha

Code No	PP-K8607-00 old No. 2ZK8607H	Application / Recommended Concentration	In order to obtain the best results, optimal working dilutions should be determined by each individual user.
Clone No.	K8607	Western Blot	2 ug/mL
Lot.	A-2	Non reducing Western Blot	Not yet tested
Concentration	1 mg/mL	ELISA	0.3 ug/mL
Volume	100 uL	Immunoprecipitation	Decide by use
Ig Class	G2a	Supershift Assay	Decide by use
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, 7a-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.	Chromatin immunoprecipitation	Decide by use
Nomenclature	NR1H3	Immunohistochemistry	Not yet tested
Genbank	U22662	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.
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) .	Reference	Watanabe Y, <i>et al.</i> Nuclear Receptor, 1: 1, 2003,
Specificity	This antibody specifically recognizes LXR alpha but does not recognize human LXR beta. Not yet tested in other species.	Notes	Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.
Purification	Ammonium sulfate fractionation		
Formulation	Physiological saline with 0.1% NaN ₃ as a preservative.		

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