

Anti human LXR alpha mouse monoclonal antibody

LXR alpha: Liver X Receptor alpha

Code No	PP-K8607-10	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
Batch	A2F1	Non-reducing Western Blot	Not yet tested
Size	100ug lyophilized antibody	ELISA	0.3 ug/mL
Formulation	Lyophilized from phosphate-buffered saline (PBS) containing 5% Trehalose as a stabilizer.	Immunoprecipitation	Decide by use
Ig Class	G2a	Supershift Assay	Decide by use
Nomenclature	NR1H3	Chromatin immunoprecipitation	Decide by use
Genbank	U22662	Immunohistochemistry	Not yet tested
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.		
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 and does not recognize human LXR beta. Not yet tested in other species.		
Purification	Ammonium sulfate fractionation.		
		Reconstitution	Reconstitute with desired volume of distilled water. Reconstitution in 0.1 ml of distilled water yields an antibody concentration of 1mg/ml. Please note reconstituted solution will contain original PBS and 5% Treharose (see Formulation).
		Storage	Lyophilized samples are stable for twelve months when held at 2 - 8 C. Upon reconstitution, the antibody can be stored 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	

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MADE IN JAPAN

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