

## Anti human LXR beta mouse monoclonal antibody

LXR beta: Liver X Receptor beta

<b>Code No</b>	PP-K8917-10	<b>Application / Recommended Concentration</b>	In order to obtain the best results, optimal working dilutions should be determined by each individual user.
<b>Clone No.</b>	K8917	<b>Western Blot</b>	2 ug/mL
<b>Batch</b>	A2F1	<b>Non-reducing Western Blot</b>	2 ug/mL
<b>Size</b>	100ug lyophilized antibody	<b>ELISA</b>	0.1 ug/mL
<b>Formulation</b>	Lyophilized from phosphate-buffered saline (PBS) containing 5% Trehalose as a stabilizer.	<b>Immunoprecipitation</b>	Decide by use
<b>Ig Class</b>	G2a	<b>Supershift Assay</b>	Not yet tested
<b>Nomenclature</b>	NR1H2	<b>Chromatin immunoprecipitation</b>	Not yet tested
<b>Genbank</b>	U07132	<b>Immunohistochemistry</b>	Not yet tested
<b>Description</b>	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.		
<b>Origin</b>	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).		
<b>Specificity</b>	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.		
<b>Purification</b>	Ammonium sulfate fractionation.		
<b>Reconstitution</b>	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).		
<b>Storage</b>	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.		
<b>Reference</b>	Watanabe Y, et al., Nuclear Receptor, 1: 1, 2003. Pavan L, et al., Endocrinology, 145(10): 4583-91, 2004.		
<b>Notes</b>			

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