

Anti human LXR beta mouse monoclonal antibody

LXR beta: Liver X Receptor beta

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

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