

Anti human DAX1 mouse monoclonal antibody

DAX1: DSS-AHC critical region on the X chromosome, gene 1

Code No	PP-H7431-10	Application / Recommended Concentration	In order to obtain the best results, optimal working dilutions should be determined by each individual user.
Clone No.	H7431	Western Blot	1 ug/mL
Batch	A2F1	Non-reducing Western Blot	Not yet tested
Size	100ug lyophilized antibody	ELISA	0.6 ug/mL (A450=0.2)
Formulation	Lyophilized from phosphate-buffered saline (PBS) containing 5% Trehalose as a stabilizer.	Immunoprecipitation	Not yet tested
Ig Class	G2a	Supershift Assay	Not yet tested
Nomenclature	NR0B1	Chromatin immunoprecipitation	Not yet tested
Genbank	S74720	Immunohistochemistry	Not yet tested
Description	DSS-AHC critical region on the X chromosome, gene 1 (DAX1, AHCH; NR0B1) is a member of orphan nuclear receptor. DAX1 is expressed in adrenal cortex, ovarian granulosa, theca cells, testicular Leydig cells, Sertoli cells, anterior pituitary gonadotrope cells and the neurons of the ventromedial nucleus of the hypothalamus. DAX1 involves in controlling development of the hypothalamic-pituitary axis, as well as in gonadal development and sex determination. DAX1 was shown to interact physically with SF-1.	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 DAX1 (1-80 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 DAX1. Not yet tested in other species.	Reference	
Purification	Ammonium sulfate fractionation	Notes	

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