

# Anti human DAX1 mouse monoclonal antibody

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

**Code No** PP-H7431-00

**Clone No.** H7431

**Lot.** A-2

**Concentration** 1 mg/mL

**Volume** 100 uL

**Ig Class** G2a

**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.

**Nomenclature** NR0B1

**Genbank** S74720

**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).

**Specificity** This antibody specifically recognizes human DAX1. Not yet tested in other species.

**Purification** Ammonium sulfate fractionation

**Formulation** Physiological saline with 0.1% NaN<sub>3</sub> as a preservative.

## Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

**Western Blot** 1 ug/mL

**Non reducing Western Blot** Not yet tested

**ELISA** 0.6 ug/mL (A450=0.2)

**Immunoprecipitation** Not yet tested

**Supershift Assay** Not yet tested

**Chromatin immunoprecipitation** Not yet tested

**Immunohistochemistry** Not yet tested

**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.

## Reference

**Notes** Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

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