



Monoclonal anti-DAX-1 (NROB1)

DAX-1 (NROB1) is an unusual orphan member of the nuclear hormone receptor family. Duplications in Xp21, containing the DAX-1 gene, cause phenotypic sex reversal in XY individuals (DSS), while DAX-1 gene mutations are responsible for adrenal hypoplasia congenita (AHC), invariably associated with hypogonadotropic hypogonadism (HHG). DAX-1 functions as a negative regulator of steroid hormone production by repressing the expression of multiple genes involved in the steroidogenic pathway.

NB-01-0023

Volume: 100 µl

Clones: 3DA-3E5

Immunogen: Synthetic peptide corresponding to aa 311-340 of human DAX-1 ((C)VSEPSMLQKILTTRRRETGGNEPLPVPTLQ)

Murine Isotype: IgG1, K

Specificity: human

Applications:

- ELISA
- Western Blot
- Immunoprecipitation
- Immunocytochemistry
- Immunohistochemistry

Recommended dilutions: 1/500-1/5000

Storage:

- Store at -20°C (up to 3 years)
- Avoid repeat freezing and thawing cycles. Does not contain any preservative

References:

Lehmann S.G., Lalli E., Sassone-Corsi P. (2002) X-linked adrenal hypoplasia congenita is caused by abnormal nuclear localization of the DAX-1 protein. Proc. Natl. Acad. Sci. USA 99: 8225-8230

Zanaria et al., 1994 An unusual member of the nuclear hormone receptor superfamily responsible for X-linked adrenal hypoplasia congenita. Nature 372: 635-641