



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-01-0022

Volume: 100 µl

Clones: 1DA-2F4

Immunogen: Synthetic peptide corresponding to aa 135-166 of human DAX-1 ((C)GEDHPRQGSILYSLLTSSKQTHVAPAAPEAR)

Murine Isotype: IgG1, k

Specificity: human, mouse, rat

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:

Tamai KT, Monaco L, Alastalo TP, Lalli E, Parvinen M, Sassone-Corsi P 1996 Hormonal and developmental regulation of DAX-1 expression in Sertoli cells. *Mol Endocrinol.* 10:1561-1569

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