

Datasheet

Anti-Inhibin α Clone PO 23/32

Product Name	Anti Human Inhibin α PO 23/32
Catalogue Number	PO23/32
Clone, Isotype	PO 23/32, IgG2a
Format	IgG
Tested Applications	ELISA

Description:

Higher levels of inhibin α have been associated with a higher risk of cancer progression and recurrence. Clone PO 23/32 is useful in detecting inhibin α levels in cancer cells.

Product Details:

Form in stock: IgG, purified – 1.0 mg/mL. Also available as unpurified supernatant.

Host: Mouse

Specificity: Synthetic peptide corresponding to epitope region aa109-123 of the α C region of α subunit of inhibin A. (Robertson D.M. et al. 2001)

Fusion partner: Spleen cells from immunised Balb/c mice were fused with cells of the mouse SP2/0 myeloma cell line.

Human Histology positive control: Testis or ovary

Storage: Store at +4°C or -20°C. Avoid repeated freezing and thawing.

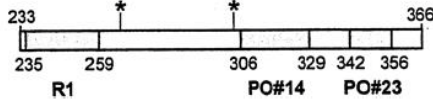
Shelf life: 18 months from date of dispatch.

Regulatory/ Restrictions: For research and commercial purposes.

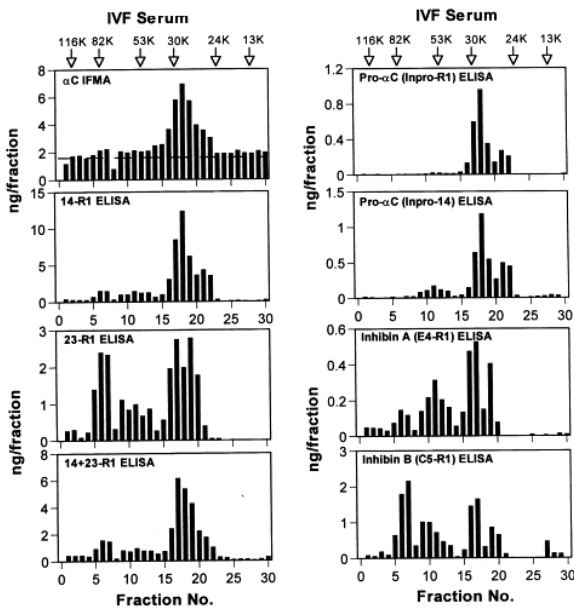
Applications	Suggested Dilution
ELISA	1-8000 ng/L

Applications:

αC region of the α subunit



Clone PO 23/32 binding region on αC region of the α subunit (Robertson D.M. et al. 2002)



Clone PO 23/32 used to detect binding to inhibin α by ELISA
Image caption: Molecular weight profiles of Pro-αC and inhibin A in IVF serum as determined by various assays. Samples were fractionated through an immunoaffinity/preparative PAGE/electroelution procedure prior to assay. Horizontal dashed line in the αC IFMA profile refers to the sensitivity of the assay. (Robertson D.M. et al. 2001)

References:

1. Robertson, D.M., Stephenson, T., Cahir, N., Tsigos, A., Pruyers, E., Stanton, P.G., Groome, N.P., Thirunavukarasu, P. (2001) Development of an inhibin α subunit ELISA with broad specificity. *Molecular and Cellular Endocrinology, Volume 180, Issues 1–2, Pages 79-86, ISSN 0303-7207.*
2. Robertson, D. M., Stephenson, T., Pruyers, E., McCloud, P., A. Tsigos, A., Groome, N.P., Mamers, P., Burger, H. G. (2002) Characterization of Inhibin Forms and Their Measurement by an Inhibin α-Subunit ELISA in Serum from Postmenopausal Women with Ovarian Cancer. *Journal of Clinical Endocrinology & Metabolism ; 87 (2): 816-824.*