

Product Datasheet

www.leinco.com



Anti-Human FSH- β [Clone 181] — Purified

Monoclonal Antibody

Product Information

Product No.:	F102
Clone:	181
RRID:	AB_2737492
Isotype:	Mouse IgG
Storage:	2-8°C

Product Description

Specificity:

Mouse Anti-Human Follicle Stimulating Hormone Beta (FSH- β) (Clone 181) recognizes Human Follicle Stimulating Hormone Beta. This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Background:

Follicle-stimulating hormone (FSH) is a heterodimeric glycoprotein and is composed of alpha and beta subunits. Alpha subunit is common to FSH and LH, while a unique beta subunit determines the biological specificity of each hormone. The synthesis of beta subunit is the primary rate-limiting step in the synthesis of each hormone.¹ Human mutations in the FSH beta gene have been shown to produce complete deficiency states in which pubertal development and reproductive capacity are inhibited.²

Known Reactivity Species:

Human

Format:

Purified No Carrier Protein

Immunogen:

Purified Recombinant Human FSH- β (>98%)

Formulation

This purified antibody is supplied in 0.05 M phosphate buffered saline (PBS), pH 7.2 - 7.4, containing 0.1% sodium azide, as a preservative.

Purity

≥95% by SDS Page

Storage and Stability

This Purified Antibody is stable when stored at 2-8°C. **Do not freeze.**

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

410 Axminster Dr, St. Louis, MO 63026

(800) 538-1145

leincoglobal@leinco.com

Product Datasheet

www.leinco.com

Country of Origin

USA



References

1. Ryu KZ *et al.* (2000) *J Korean Soc Endocrinol.* **15**: 179
2. Sluss Patrick *et al.* (2002) *J clin endocrin and metabolism* **87**: 3702

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

410 Axminster Dr, St. Louis, MO 63026

(800) 538-1145

leincoglobal@leinco.com