

Mouse Anti-FSH (Follicle stimulating hormone)/FSH beta [FSHb/1062]: MC0788, MC0788RTU7

Intended Use: For Research Use Only

Description: The pituitary glycoprotein hormone family includes follicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of an identical alpha subunit and a hormone-specific beta subunit. FSH beta is the beta subunit of follicle-stimulating hormone. In conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production. The FSH antibody specifically labels Gonadotrophs in pituitary. It may be useful in the classification of pituitary tumors.

Specifications

Clone:	FSHb/1062
Source:	Mouse
Isotype:	IgG1k
Reactivity:	Human
Immunogen:	Recombinant full-length human FSH beta sub-unit
Localization:	Cytoplasm, secreted
Formulation:	Antibody in PBS pH7.4, containing BSA and $\leq 0.09\%$ sodium azide (NaN ₃)
Storage:	Store at 2°- 8°C
Applications:	IHC
Package:	

Description	Catalog No.	Size
FSH (Follicle stimulating hormone)/FSH beta Concentrated	MC0788	1 ml
FSH (Follicle stimulating hormone)/FSH beta Prediluted	MC0788RTU7	7 ml

IHC Procedure*

Positive Control Tissue:	Pituitary, pituitary carcinoma
Concentrated Dilution:	100-500
Pretreatment:	Tris EDTA pH9.0, 15 minutes Pressure Cooker or 30-60 minutes water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human pituitary stained with FSH-beta using DAB

References:

1. Isolated FSH deficiency revealing a granulosa cell tumor. Decoudier B, et al. Ann Endocrinol (Paris). Dec;71(6):543-7, 2010.
2. Early alterations in ovarian surface epithelial cells and induction of ovarian epithelial tumors triggered by loss of FSH receptor. Chen X, et al. Neoplasia. Jun;9(6):521-31, 2007.
3. Assays for LH, FSH, and prolactin. Wheeler MJ. Methods Mol Biol. 324:109-24, 2006.