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Datasheet for ABIN6939445 anti-FSHB antibody

Image



Overview

Quantity:	100 µg
Target:	FSHB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FSHB antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunofluorescence (IF), Staining Methods (StM)

Product Details

Immunogen:	Full length Purified Human FSH
Clone:	SPM107
Isotype:	lgG1 kappa
Specificity:	This MAb reacts with a protein of 22 kDa, identified as beta sub-unit of FSH. It does not cross react with the alpha sub-unit. Follicle stimulating hormone (FSH) is a hormone synthesized and secreted by gonadotrophs in the anterior pituitary gland. In the ovary, FSH stimulates the growth of immature Graafian follicles to maturation. As the follicle grows, it releases inhibin, which deactivates the FSH production. In men, FSH enhances the production of androgen- binding protein by the Sertoli cells of the testis and is critical for spermatogenesis. FSH and LH act synergistically in reproduction. FSH is a useful marker in the classification of pituitary
	tumors and the study of pituitary disease.

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Product Details

Purification:

Purified by Protein A/G

Target Details

Target:	FSHB
Alternative Name:	FSHB (FSHB Products)
Molecular Weight:	22kDa
Gene ID:	2488
UniProt:	P01225
Pathways:	Peptide Hormone Metabolism, Hormone Activity, C21-Steroid Hormone Metabolic Process
Application Dataila	
Application Details	
Application Notes:	Positive Control: Anterior Pituitary.
	Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL),
	Immunohistochemistry (Formalin-fixed) (0.5-1 μ g/mL, 30 min RT) (Staining of formalin-fixed

tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be

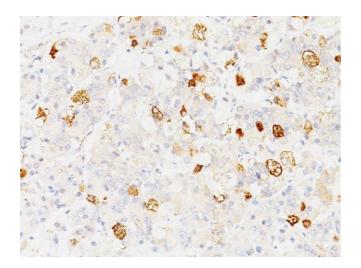
Restrictions: For Research Use only

determined.

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months

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Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded human Pituitary stained with FSH-beta Monoclonal Antibody (SPM107).

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