

Datasheet for ABIN6939444

**anti-FSHB antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	FSHB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Recombinant full-length hFSH beta sub-unit
Clone:	FSHb-1062
Isotype:	IgG1 kappa
Specificity:	<p>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.</p>
Purification:	Purified by Protein A/G

## Target Details

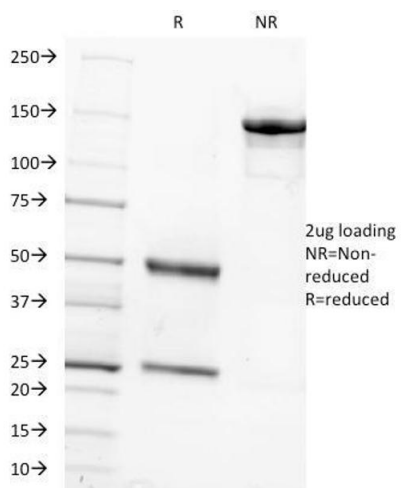
Target:	FSHB
Alternative Name:	FSHB ( <a href="#">FSHB Products</a> )
Molecular Weight:	22kDa
Gene ID:	2488
UniProt:	<a href="#">P01225</a>
Pathways:	<a href="#">Peptide Hormone Metabolism</a> , <a href="#">Hormone Activity</a> , <a href="#">C21-Steroid Hormone Metabolic Process</a>

## Application Details

Application Notes:	Positive Control: Anterior Pituitary. Known Application: Immunohistochemistry (Formalin-fixed) (0.1-0.2 µg/mL for 30 min at 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 determined.
Restrictions:	For Research Use only

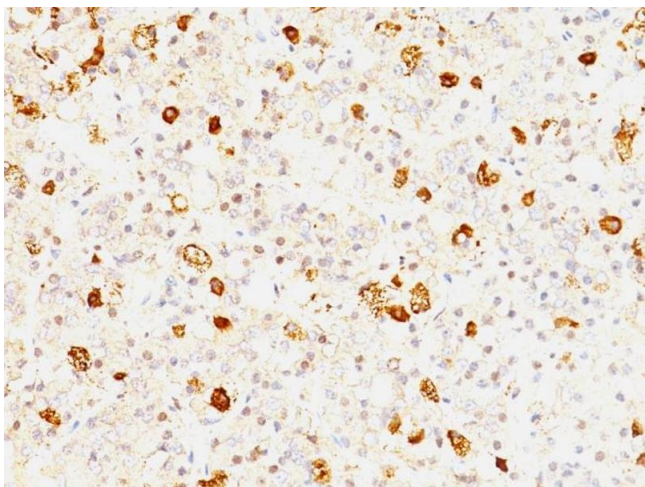
## Handling

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



SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified FSH beta Mouse Monoclonal Antibody (FSHb/1062). Confirmation of Integrity and Purity of Antibody.



Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Pituitary stained with FSH beta Mouse Monoclonal Antibody (FSHb/1062).