Datasheet for ABIN952353

anti-FSH antibody (Middle Region)

2 Images

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Overview

Quantity:	0.4 mL
Target:	FSH
Binding Specificity:	AA 35-64, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 35-64 amino acids from the Central region of Human FSHB/FSH.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Follicle-stimulating hormone / FSH (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	FSH
Alternative Name:	Follicle-Stimulating Hormone / FSH (FSH Products)
Background:	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. This gene encodes

Target Details

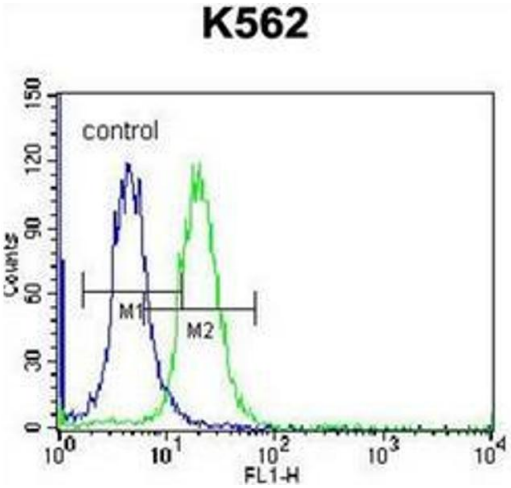
	the beta subunit of follicle-stimulating hormone. In conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production. Alternative splicing results in two transcript variants encoding the same protein.Synonyms: FSH beta, FSHB, Follitropin beta chain
Molecular Weight:	14700 Da
Gene ID:	2488
NCBI Accession:	NP_000501
Pathways:	Peptide Hormone Metabolism, Chromatin Binding

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

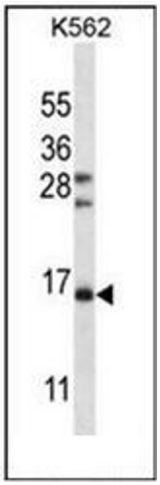
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow cytometric analysis of K562 cells using Follicle-stimulating hormone / FSH Antibody (Center) Cat.-No AP51730PU-N(right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of Follicle-stimulating hormone / FSH Antibody (Center) in K562 cell line lysates (35ug/lane). This demonstrates the FSHB/FSH antibody detected the FSHB/FSH protein (arrow).