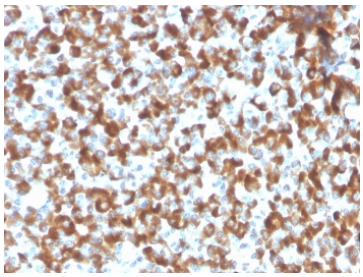
Recombinant FSH beta Antibody FSHb/2033R / Rabbit Monoclonal [clone FSHb/2033R] (V9140)

Catalog No.	Formulation	Size
V9140-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9140-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9140SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

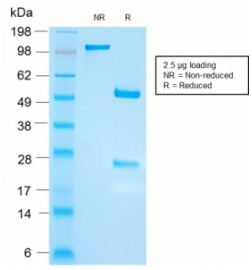
Recombinant RABBIT MONOCLONAL

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	FSHb/2033R
Purity	Protein A/G affinity
UniProt	P01225
Localization	Cytoplasmic, secreted
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Recombinant FSH beta Antibody FSHb/2033R is available for research use only.



Recombinant FSH beta Antibody FSHb/2033R Pituitary IHC. Immunohistochemistry staining of FFPE human pituitary tissue using recombinant monoclonal clone FSHb/2033R demonstrates extensive granular cytoplasmic HRP-DAB brown staining within anterior pituitary endocrine cell populations, consistent with Follicle stimulating hormone beta / FSHB localization in hormone-secreting gonadotroph cells. The dense punctate staining pattern reflects accumulation of secretory hormone-associated protein within pituitary endocrine compartments. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant FSH beta antibody (clone FSHb/2033R) as confirmation of integrity and purity.

Description

Recombinant FSH beta Antibody FSHb/2033R reacts with a protein of 22kDa, 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.

For additional reproductive hormone and pituitary signaling research antibodies targeting gonadotroph markers and endocrine-associated cellular pathways, explore the broader FSHB Antibody page featuring monoclonal clone FLTPb-1.

Application Notes

Optimal dilution of the Recombinant FSH beta Antibody FSHb/2033R should be determined by the researcher.

Immunogen

Recombinant hFSH beta sub-unit was used as the immunogen for the recombinant FSH beta antibody.

Storage

Aliquot the recombinant FSH beta antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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