

# Product Datasheet

## TSH beta Antibody (TSH-116) [Janelia Fluor® 525] NB500-363JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-363JF525**

TSH beta Antibody (TSH-116) [Janelia Fluor® 525]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	TSH-116
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Conjugate</b>	Janelia Fluor 525
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	7252
<b>Gene Symbol</b>	TSHB
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody (clone TSH-116) reacts with human thyroid stimulating hormone (hTSH, thyrotropin), a glycoprotein hormone produced by the anterior pituitary gland cells in response to signals from the hypothalamus gland in the brain. The TSH-116 reacts with association constant $1.1 \times 10^{11}$ l/mol. Following cross-reactivity expressed as binding of labelled hormone (% of total) was determined by solid phase RIA with excess of the antibody TSH-116: hTSH (78.9), hCG (20.3), hLH (23.2), hFSH (29.9).
<b>Immunogen</b>	Human thyrotropin.
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Radioimmunoassay
<b>Recommended Dilutions</b>	ELISA, Radioimmunoassay
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NB500-363JF525**

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NBP2-22866	Recombinant Human TSH beta His Protein
5925-FS-010	FSH alpha/beta [Unconjugated]
NBP2-10682	TSH beta Overexpression Lysate
NB300-109	Tyrosine Hydroxylase Antibody

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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