

# Product Datasheet

## TSH beta Antibody (TSH-116) - BSA Free NB500-363

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NB500-363**

TSH beta Antibody (TSH-116) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	TSH-116
Preservative	15mM Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4

Product Description	
Description	Novus Biologicals Mouse TSH beta Antibody (TSH-116) - BSA Free (NB500-363) is a monoclonal antibody validated for use in ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7252
Gene Symbol	TSHB
Species	Human
Specificity/Sensitivity	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).
Immunogen	Human thyrotropin.

Product Application Details	
Applications	ELISA, Radioimmunoassay
Recommended Dilutions	ELISA 1:2000, Radioimmunoassay 1:100-1:2000
Application Notes	The antibody TSH-116 is suitable in combination with the antibody TSH-51 for immunometric assays in the screening of neonatal hypothyroidism.





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

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NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-22866	Recombinant Human TSH beta His Protein

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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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