

# Product Datasheet

## Thyroxine Antibody (XM212) - BSA Free NB110-7978

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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**NB110-7978**

Thyroxine Antibody (XM212) - BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	XM212
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Purity	Ion exchange chromatography
Buffer	PBS (pH 7.4)

Product Description	
Description	Novus Biologicals Mouse Thyroxine Antibody (XM212) - BSA Free (NB110-7978) is a monoclonal antibody validated for use in ELISA. Anti-Thyroxine Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific
Specificity/Sensitivity	This reacts with conjugate T4-BSA and with free thyroxine in ELISA. Cross-reactivity with triiodothyronine is less than 1%. The reactivity of this with L-Thyroxine is 100 % and with D-Thyroxine 30 %.
Immunogen	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with purified thyroxine (Sigma T-2501) conjugated with BSA.

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA 1:100-1:2000

**Publications**

Akane H, Toyoda T, Mizuta Y et al. Histopathological and immunohistochemical evaluation for detecting changes in blood hormone levels caused by endocrine disruptors in a 28-day repeated-dose study in rats Journal of applied toxicology [PMID: 35385133]





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### **Products Related to NB110-7978**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-60162-1Kit	Mouse Thyroxine ELISA Kit (Colorimetric)

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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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