

# Product Datasheet

## Troponin I Type 1 (slow skeletal) Antibody (7G2) - BSA Free NB200-432

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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**NB200-432**

Troponin I Type 1 (slow skeletal) Antibody (7G2) - 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	7G2
Preservative	0.09% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description	
Description	Novus Biologicals Mouse Troponin I Type 1 (slow skeletal) Antibody (7G2) - BSA Free (NB200-432) is a monoclonal antibody validated for use in WB. Anti-Troponin I Type 1 (slow skeletal) Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7135
Gene Symbol	TNNI1
Species	Human, Invertebrate
Reactivity Notes	Invertebrate reactivity reported in scientific literature (PMID: 26213227).
Specificity/Sensitivity	Troponin I from human skeletal muscle. Cross-reaction of this with cardiac troponin I is less than 1.5%.
Immunogen	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with Human skTnl.

Product Application Details	
Applications	Western Blot, Immunoassay, Sandwich ELISA, Immunoaffinity Purification
Recommended Dilutions	Western Blot, Immunoassay, Sandwich ELISA, Immunoaffinity Purification
Application Notes	Recommended pair for sandwich immunoassay (coating - conjugate): NB200-431 (Coating) - NB200-432 (conjugate)

**Publications**

Vyatchin IG, Shevchenko UV, Lazarev SS et al. Troponin-like regulation in muscle thin filaments of the mussel *Crenomytilus grayanus* (Bivalvia: Mytiloidea) *Biochim. Biophys. Acta.* 2015-07-26 [PMID: 26213227] (WB, Mollusca)





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### **Products Related to NB200-432**

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NBL1-17179	Troponin T type 1 (slow skeletal) Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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