

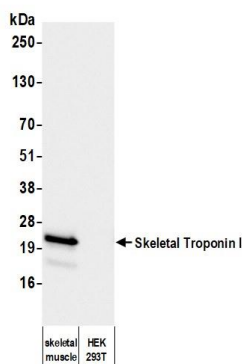
Skeletal Troponin I Monoclonal Antibody [FI-23]

Mouse Monoclonal

Purified		RefSeq ID	NP_003273.1
Catalog No.	A500-047A	Uniprot ID	P48788
Lot No.	1	GenID	7136

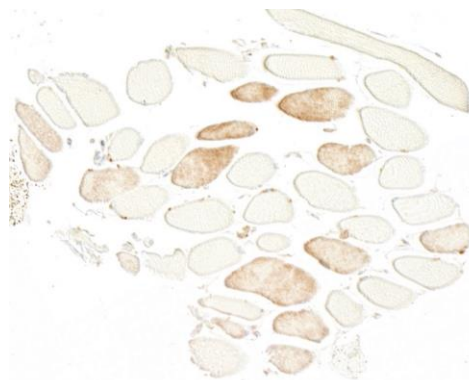
APPLICATIONS	WB, IHC
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 µl (50+ tests)
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) with 0.09% Sodium Azide, BSA-Free
ISOTYPE	IgG1
CLONE #	FI-23
ORIGIN	USA
PRODUCTION PROCEDURES	Monoclonal antibody was purified from cell culture supernatant. Immunogen was human Skeletal Troponin I
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot 1:1,000 Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
APPLICATION NOTES	All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight. Western blots are performed using Goat anti-Mouse IgG Heavy and Light Chain Antibody (A90-216P).
IHC HUMAN CONTROLS	Skeletal Muscle
IHC MOUSE CONTROLS	Skeletal Muscle
ADDITIONAL INFO	https://www.fortislife.com/p/A500-047A Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: May 1, 2024

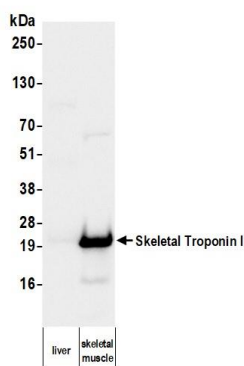


Detection of human Skeletal Troponin I by western blot.

Samples: Whole cell lysate (50 µg) from human skeletal muscle tissue lysate and HEK293T cell lysate. **Antibody:** Mouse anti-Skeletal Troponin I monoclonal antibody [FI-23] (A500-047A lot 1) used at 1:1000. **Secondary:** HRP-conjugated goat anti-mouse IgG (A90-116P). **Detection:** Chemiluminescence with an exposure time of 3 seconds.

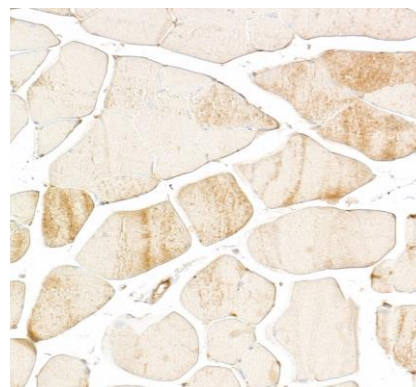


Detection of human Skeletal Troponin I by immunohistochemistry. **Sample:** FFPE section of human skeletal muscle. **Antibody:** Mouse anti-Skeletal Troponin I monoclonal antibody [FI-23] (A500-047A lot 1). **Secondary:** HRP-conjugated goat anti-mouse IgG (A90-116P).



Detection of mouse Skeletal Troponin I by western blot.

Samples: Whole tissue lysate (50 µg) from mouse liver and skeletal muscle. **Antibody:** Mouse anti-Skeletal Troponin I monoclonal antibody [FI-23] (A500-047A lot 1) used at 1:1000. **Secondary:** HRP-conjugated goat anti-mouse IgG (A90-116P). **Detection:** Chemiluminescence with an exposure time of 1 second.



Detection of mouse Skeletal Troponin I by immunohistochemistry. **Sample:** FFPE section of mouse skeletal muscle. **Antibody:** Mouse anti-Skeletal Troponin I monoclonal antibody [FI-23] (A500-047A lot 1). **Secondary:** HRP-conjugated goat anti-mouse IgG (A90-116P).