

Datasheet for ABIN1107197

**anti-TNNI2 antibody**

5 Images

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## Overview

Quantity:	0.1 mg
Target:	TNNI2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNNI2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

## Product Details

Clone:	2F12G2
Isotype:	IgG1
Specificity:	This antibody recognizes Human TNNI2. Other species not tested.
Purification:	Purified

## Target Details

Target:	TNNI2
Alternative Name:	Fast Skeletal Muscle Troponin I ( <a href="#">TNNI2 Products</a> )
Background:	This gene encodes a fast-twitch skeletal muscle protein, a member of the troponin I gene family, and a component of the troponin complex including troponin T, troponin C and troponin I subunits. The troponin complex, along with tropomyosin, is responsible for the calcium-

## Target Details

dependent regulation of striated muscle contraction. Mouse studies show that this component is also present in vascular smooth muscle and may play a role in regulation of smooth muscle function. In addition to muscle tissues, this protein is found in corneal epithelium, cartilage where it is an inhibitor of angiogenesis to inhibit tumor growth and metastasis, and mammary gland where it functions as a co-activator of estrogen receptor-related receptor alpha. This protein also suppresses tumor growth in human ovarian carcinoma. Mutations in this gene cause myopathy and distal arthrogryposis type 2B. Alternatively spliced transcript variants have been found for this gene. Synonyms: TNNI2

Molecular Weight:	21 kDa
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Gene ID:	7136
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## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

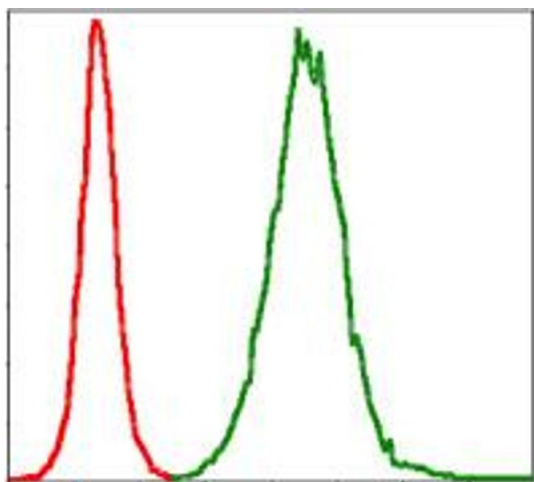
Format:	Liquid
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Concentration:	1.0 mg/mL
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Buffer:	PBS, 0.05 % Sodium Azide, 0.5 % protein stabilizer
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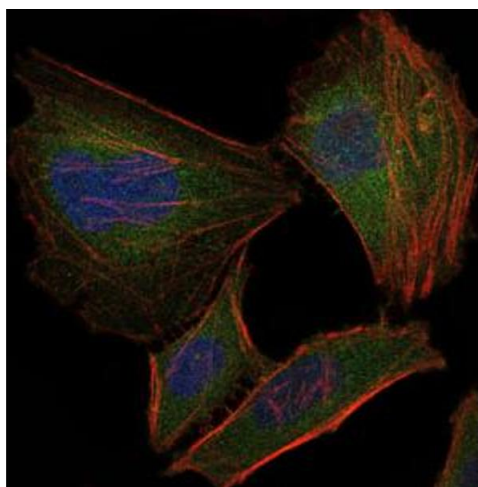
Preservative:	Sodium azide
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Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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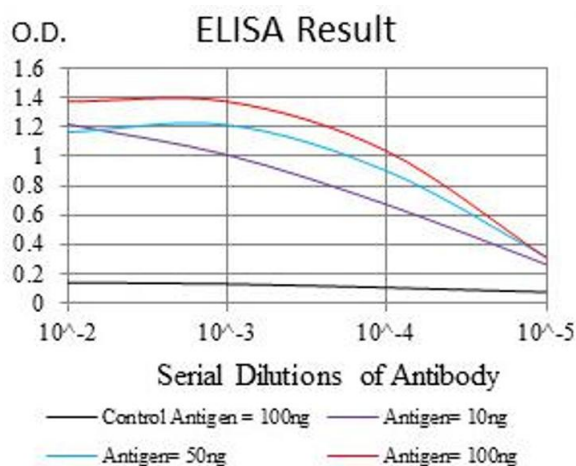
Flow Cytometry

Image 1.



Immunofluorescence

Image 2.



ELISA

Image 3.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1107197.