



Magic™ Mouse Anti-Feline cTnI Monoclonal antibody, clone GFM2 (DMAB-CS24598)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Feline cTnI
Target	Feline cTnI
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Feline
Clone	GFM2
Conjugate	Unconjugated
Applications	ELISA(Det), LFIA, CLIA, TINIA, POCT We recommend the following antibodies for sandwich immunoassay (Capture - Detection): DMAB-CS24597 - DMAB-CS24598
Format	Lyophilized
Size	1 mg
Buffer	Lyophilized from sterile PBS, PH 7.4
Preservative	None
Storage	Store at -20°C to -80°C under sterile conditions. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction

Troponin I, also known as TNI, is a 24-29 kDa component of a protein complex on striated muscle thin filaments. Troponin I inhibits the calcium-dependent muscle contraction mediated by Troponins C and T. The expression of cardiac Troponin I (TNNI3) is restricted to cardiac muscle, while TNNI1 and TNNI2 (encoded by distinct genes) are expressed in skeletal muscle. Mutations of cardiac Troponin I are associated with hereditary cardiomyopathy.

Keywords

cTnI; cardiac troponin I; troponin I; TnI