

<b>Cat. No:</b>	MABN19302
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic peptide of human Cardiac Troponin I
<b>Reactivity:</b>	Human
<b>Applications:</b>	WB 1:5000-1:50000,IHC 1:200-1:500,FC 1:20-1:50,IP 1:50-1:100
<b>Molecular Weight:</b>	24kDa
<b>Purification:</b>	Affinity purification
<b>Synonyms:</b>	TNNC1; Troponin I; cardiac muscle; Cardiac troponin I; TNNI3; CMD2A;
<b>Background:</b>	<p>Troponin I (TnI) is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle; see also TNNI1 (MIM 191042). The others are troponin T (TnT; see MIM 191041) and troponin C (TnC; see MIM 191040). Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.</p>
<b>Form:</b>	Liquid
<b>Buffer:</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

**For Research use only  
IMMUNOLOGICAL SCIENCES**