

## 10-7581: Monoclonal antibody to Troponin 1 (Clone: ABM49D9)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM49D9
<b>Application :</b>	IHC,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	TNNI3
<b>Gene ID :</b>	7137
<b>Uniprot ID :</b>	P19429
<b>Format :</b>	Purified
<b>Alternative Name :</b>	TNNI3,TNNC1
<b>Isotype :</b>	Mouse IgG2b Kappa
<b>Immunogen Information :</b>	A partial length recombinant protein from N terminal portion of Troponin 1 was used as the immunogen for this antibody.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 0.5-1 µg/ml; Immunohistochemistry: 5-10 µg/ml

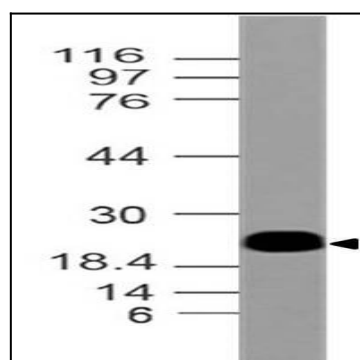


Fig:1- Expression analysis of Troponin 1. Anti-Troponin 1 antibody (Clone: ABM49D9) was tested at 0.5 µg/ml on h Heart lysate.

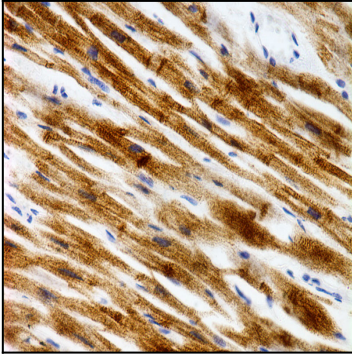


Fig:2- Immunohistochemical analysis of Troponin 1 in human Heart tissue using Troponin 1 antibody (Clone: ABM49D9) at 5  $\mu$ g/ml.