

32-6235: Mouse Anti Human Troponin I Type 1(Clone:AT36E7i)

Clonality :	Monoclonal
Clone Name :	AT36E7i
Application :	ELISA,WB
Gene :	TNNI1
Gene ID :	7135
Uniprot ID :	P19237
Format :	Purified
Alternative Name :	DKFZp451O223,SSTNI,TNN1,Troponin I,slow skeletal muscle ,Troponin I,slow-twitch isoform.
Isotype :	Mouse IgG2b heavy chain and Kappa light chain.
Immunogen Information :	Anti-human TNNI1 mAb, clone PAT36E7A, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human TNNI1 protein.

Description

Troponin I, (TNNI1) is a member of the troponin I family. Troponin complex has 3 subunits, TNNI1 known as the inhibitory Subunit which prevents the actin-myosin interactions and thus mediating striated muscle relaxation. TNNI1 combines with tropomyosin and regulates calcium sensitivity of striated muscles by structural modifications in actin-myosin complexes.

Product Info

Amount :	20 µg
Purification :	TNNI1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.01% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

The antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:5000. Recommended starting dilution is 1:5000.