

32-6173: Mouse Anti Human Myosin Light Chain 4 (Clone: PAT4E8ATe)

Clonality :	Monoclonal
Clone Name :	PAT4E8ATe
Application :	ELISA, WB
Gene :	MYL4
Gene ID :	4635
Uniprot ID :	P12829
Format :	Purified
Alternative Name :	Myosin light chain 4 alkali atrial embryonic, ALC1, AMLC, GT1, Myosin light chain 1 embryonic muscle/atrial isoform, Myosin light chain alkali GT-1 isoform, PRO1957, MLC1.
Isotype :	Mouse IgG2a heavy chain and k light chain.
Immunogen Information :	Anti-human MYL4 mAb, clone PAT4E8AT, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human MYL4 protein 1-197 amino acids purified from E. coli.

Description

MYL4 is a hexameric ATPase cellular motor protein which is composed of two nonphosphorylatable alkali light chains, two heavy chains and two phosphorylatable regulatory light chains. MYL4 encodes a myosin alkali light chain which is located in embryonic muscle and adult atria. Two alternatively spliced transcript variants encoding the same protein were found for this gene.

Product Info

Amount :	20 µg
Purification :	MYL4 antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% 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, 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 starting dilution is 1:1000.