
Product Name: MYH11 Rabbit Monoclonal Antibody**Catalog #: AMRe83954**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200
Molecular Weight	227 kDa

Antigen Information

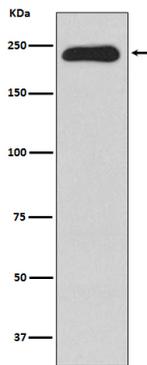
Gene Name	MYH11 AAT4; FAA4; MYH11; Myosin 11; Myosin heavy chain 11; Myosin heavy chain smooth muscle
Alternative Names	isoform; Myosin heavy polypeptide 11 smooth muscle; SMHC; SMMHC;;Myosin heavy chain 11
Gene ID	
SwissProt ID	P35749
Immunogen	A synthesized peptide derived from human Myosin heavy chain 11

Background

The protein encoded by this gene is a smooth muscle myosin belonging to the myosin heavy chain family. The gene product is a subunit of a hexameric protein that consists of two heavy chain subunits and two pairs of non-identical light chain subunits. It functions as a major contractile protein, converting chemical energy into mechanical energy through the hydrolysis of ATP. A chromosomal rearrangement involving this gene is associated with acute myeloid leukemia of the M4Eo subtype. Mutations in this gene are associated with visceral myopathy, megacystis-microcolon-intestinal hypoperistalsis syndrome 2, and familial thoracic aortic aneurysm 4.

Research Area

Image Data



Western blot analysis of MYH11 expression in Human testis lysate.