

**Product Name: MYH9 Rabbit Monoclonal antibody**  
**Catalog #: AMRe03116**



## Summary

<b>Production Name</b>	MYH9 Rabbit Monoclonal antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P,IP
<b>Reactivity</b>	Human,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	MYH9
<b>Alternative Names</b>	MHA; FTNS; EPSTS; BDPLT6; DFNA17; MATINS; NMMHCA; NMHC-II-A; NMMHC-IIA
<b>Gene ID</b>	4627
<b>SwissProt ID</b>	P35579.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 IP: 1:20
<b>Molecular Weight</b>	Calculated MW: 227 kDa; Observed MW: 227 kDa

## Background

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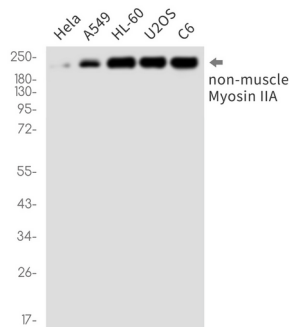


This gene encodes a conventional non-muscle myosin; this protein should not be confused with the unconventional myosin-9a or 9b (MYO9A or MYO9B). The encoded protein is a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain which is involved in several important functions, including cytokinesis, cell motility and maintenance of cell shape. Defects in this gene have been associated with non-syndromic sensorineural deafness autosomal dominant type 17, Epstein syndrome, Alport syndrome with macrothrombocytopenia, Sebastian syndrome, Fechtner syndrome and macrothrombocytopenia with progressive sensorineural deafness. [provided by RefSeq, Dec 2011]

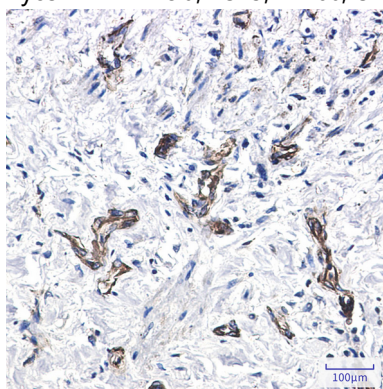
## Research Area

Signal Transduction

## Image Data



Western blot analysis of nonmuscle Myosin IIA in HeLa, A549, HL-60, U2OS, C6 lysates using MYH9 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using nonmuscle Myosin IIA antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Note

For research use only.