

## Recombinant MYH9 Monoclonal Antibody

catalog number: AN301290L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human MYH9 protein
Host	Rabbit
Isotype	IgG,κ
Clone	B1053
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	
IHC	1:200-1:1000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200



Immunohistochemistry of paraffin-embedded human kidney using Recombinant MYH9 Monoclonal Antibody at dilution of 1:200.

## Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

## Background

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.

## For Research Use Only

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.2