



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## MYH9 monoclonal antibody (M01), clone 3C7

Catalog # : H00004627-M01

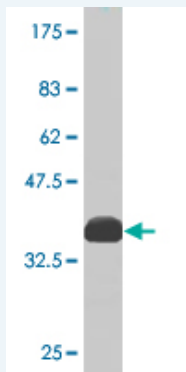
規格 : [ 50 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant MYH9.
<b>Immunogen:</b>	MYH9 (AAH11915, 131 a.a. ~ 220 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	RLKQLKRQLEEEAEEEAQRANASRRKLQRELEDATETADAMNREVSSLK NKLRRGDLPFVPRRMARKGAGDGSDEEVDGKADGAEAKPAE
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human, Mouse
<b>Isotype:</b>	IgG2b Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (35.64 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

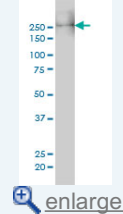
**Datasheet:** [Download](#)

### Applications

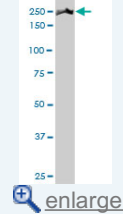
**Western Blot (Cell lysate)**

### Application Image

Western Blot (Cell lysate)

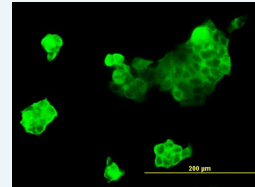


Western Blot (Cell lysate)

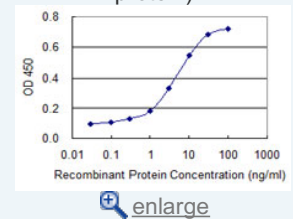


Western Blot (Recombinant protein)

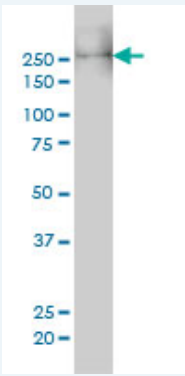
Immunofluorescence



Sandwich ELISA (Recombinant protein)



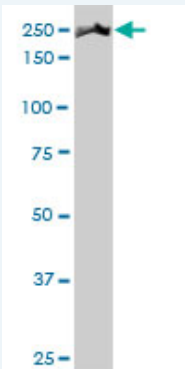
ELISA



MYH9 monoclonal antibody (M01), clone 3C7 Western Blot analysis of MYH9 expression in A-431 ( Cat # L015V1 ).

[Protocol Download](#)

#### Western Blot (Cell lysate)



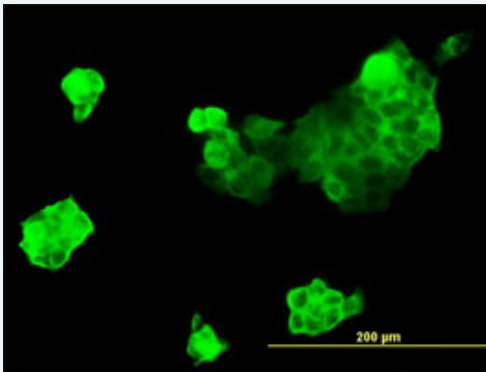
MYH9 monoclonal antibody (M01), clone 3C7. Western Blot analysis of MYH9 expression in NIH/3T3 ( Cat # L018V1 ).

[Protocol Download](#)

#### Western Blot (Recombinant protein)

[Protocol Download](#)

#### Immunofluorescence

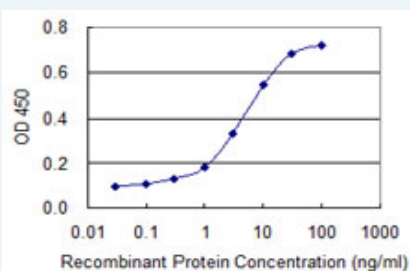


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to MYH9 on A-431 cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

#### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged MYH9 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

## ELISA

### Gene Information

Entrez GeneID: [4627](#)

GeneBank Accession#: [BC011915](#)

Protein Accession#: [AAH11915](#)

Gene Name: MYH9

Gene Alias: DFNA17,EPSTS,FTNS,MGC104539,MHA,NMHC-II-A,NMMHCA

Gene Description: myosin, heavy chain 9, non-muscle

Omim ID: [153640](#), [153650](#), [155100](#), [160775](#), [600208](#), [603622](#), [605249](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain. The protein is involved in several important functions, including cytokinesis, cell motility and maintenance of cell shape. Defects in MYH9 are the cause of 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]

**Other Designations:** MYH9 variant protein,OTTHUMP00000028706,cellular myosin heavy chain, type A,myosin, heavy polypeptide 9, non-muscle,non-muscle myosin heavy chain,non-muscle myosin heavy polypeptide 9,nonmuscle myosin heavy chain II-A

### Gene Pathway

[Regulation of actin cytoskeleton](#) [Tight junction](#)

### Related Disease

[Albuminuria](#) [Attention Bernard-Soulier Syndrome](#) [Blood Platelet Disorders](#) [Cardiovascular Diseases](#) [Cerebral Hemorrhage](#) [Chronic Disease](#) [Cleft Lip](#) [Cleft Palate](#) [Deafness](#) [Deafness](#) [Diabetes Mellitus](#) [Endocrine System Diseases](#) [Genetic Predisposition to Disease](#) [Glomerulonephritis](#) [Glomerulosclerosis, Focal Segmental](#) [Hypertension](#) [Intracranial Hemorrhages](#) [Kidney Diseases](#)

... see more