

Datasheet: VPA00201

Description:	RABBIT ANTI MYOSIN HEAVY CHAIN 9
Specificity:	MYOSIN HEAVY CHAIN 9
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	KLH conjugated synthetic peptide between 1840-1867 amino acids from the C-terminal region of human myosin heavy chain 9

External Database Links

UniProt:

[P35579](#)

[Related reagents](#)

Entrez Gene:

[4627](#) MYH9 [Related reagents](#)

Specificity **Rabbit anti Human myosin heavy chain 9 antibody** recognizes myosin heavy chain 9, also known as cellular myosin heavy chain, type A, myosin-9, non-muscle myosin heavy chain A, non-muscle myosin heavy chain IIa, non-muscle myosin heavy polypeptide 9 and nonmuscle myosin heavy chain II-A.

Encoded by the MYH9 gene, myosin heavy chain 9 (myosin-9) is a conventional non-muscle myosin; this protein should not be confused with the unconventional myosin-9a or 9b (MYO9A or MYO9B). This protein 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 MYH9 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).

Rabbit anti Human myosin heavy chain 9 antibody detects a band of 227 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti myosin heavy chain 9 detects a band of approximately 227 kDa in Jurkat cell lysates

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10040 available at: Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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