

## Myosin Ib Monoclonal Antibody | anti-MyosinIb antibody

Myosin Ib Rabbit mAb

|                               |                                   |                                        |                                                           |
|-------------------------------|-----------------------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA314417</b> | HOST<br><b>Recombinant Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

Myosin Ib; Monoclonal Antibody; Myosin Ib Rabbit mAb; MYH-1c; MMI-alpha; MMIa; anti-MyosinIb antibody

### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                        |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Host                                               | Recombinant Rabbit                                                                                     |
| Reactivity                                         | Human, Mouse, Rat                                                                                      |
| Clonality                                          | Monoclonal                                                                                             |
| Isotype                                            | Rabbit IgG                                                                                             |
| Clone Number                                       | S04-6D4                                                                                                |
| Purity/Purification                                | Affinity Purified                                                                                      |
| Form/Format                                        | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA                  |
| Concentration                                      | 0.3mg/ml (varies by lot)                                                                               |
| Applicable Applications for anti-MyosinIb antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                          |
| Immunogen                                          | Recombinant protein of human MYO1B                                                                     |
| Conjugation                                        | Unconjugated                                                                                           |
| Modification                                       | Unmodification                                                                                         |
| Preparation and Storage                            | Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of MYO1B in paraffin-embedded Human lung cancer tissue using MYO1B Rabbit mAb at dilution 1/50



#### WB (Western Blot)

Western blot detection of MYO1B in C6,3T3,Hela cell lysates using MYO1B Rabbit mAb(1:1000 diluted).Predicted band size:132kDa.Observed band size:132kDa.

### ADDITIONAL INFORMATION

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Related Product Information for anti-MyosinIb antibody | Unconventional myosin-Ib |
| Product Categories/Family for anti-MyosinIb antibody   | Primary Antibody         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 194328685                                                                                                |
| NCBI GeneID                      | 4430                                                                                                     |
| NCBI Accession #                 | NP_001123630.1                                                                                           |
| NCBI GenBank Nucleotide #        | NM_001130158.1                                                                                           |
| UniProt Accession #              | O43795; O43794; Q7Z6L5                                                                                   |
| Molecular Weight                 | 124,951 Da                                                                                               |
| NCBI Official Full Name          | unconventional myosin-Ib isoform 1                                                                       |
| NCBI Official Synonym Full Names | myosin IB                                                                                                |
| NCBI Official Symbol             | MYO1B                                                                                                    |
| NCBI Official Synonym Symbols    | myr1                                                                                                     |
| NCBI Protein Information         | unconventional myosin-Ib; MMIa; MYH-1c; MMI-alpha; myosin I alpha; myosin-I alpha; MYO1B variant protein |
| UniProt Protein Name             | Unconventional myosin-Ib                                                                                 |
| UniProt Gene Name                | <b>MYO1B</b>                                                                                             |
| UniProt Synonym Gene Names       | MMI-alpha; MMIa                                                                                          |
| UniProt Entry Name               | MYO1B_HUMAN                                                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/myosin-ib-antibody-clone-s04-6d4-immunohistochemistry-western-blot-elisa/314417>