**Nonmuscle Myosin Heavy Chain II-B**
Polyclonal Antibody, Purified
Catalog Number: PRB-445P
Available Size: 0.1 mL

**Description:**
Polyclonal Antibody against Nonmuscle Myosin II Heavy Chain Isoform B

**Also Known As:**
myosin-10; NMMHC-B; myosin heavy chain 10; nonmuscle myosin heavy chain B; nonmuscle myosin heavy chain II B; cellular myosin heavy chain, type B type B

**Intended Use:**
**Research Use Only (RUO)**
This product is sold for laboratory research use only, not for human or in-vivo use.

**Form:**
Affinity Purified Antibody (Stored in PBS + 0.03% Thimerosal)

**Host:**
Rabbit

**Species Reactivity:**
Human, Rodent

**[Ab]:**
1 mg/mL

**Specificity:**
This antibody was raised against the peptide SDVNETQPPQSE corresponding to the C-terminus of nonmuscle myosin heavy chain isoform B (MHC-B).

**Uses:**
This antibody is effective in immunoblotting (WB), immunohistochemistry (IHC) and immunofluorescence (IF).

**Suggested Working Dilution:**
The optimal working dilution should be determined for each specific assay condition.
- **WB:** 1:1,000*
- **IHC:** 1:100-1:200
  - Tissue Sections: Formalin-fixed, paraffin-embedded tissues & frozen sections
  - Pretreatment: Not required
  - Incubation: 60 minutes at room temperature
- **IF:** 1:500

**Notes:**
*Predicted MW = 200 kDa
Positive Control: human smooth muscle

**Storage:**
Store at -20°C. Upon initial thawing, apportion into working aliquots and store at -20°C. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody. For long-term storage, keep the antibody at -80°C.

See reverse side for additional information
References:


Warranty/Conditions:
Covance products may not be resold or modified for resale without prior written approval. All sales are subject to Covance Antibody Products Terms and Conditions of Sale.

Datasheet Revision Date:
4/4/2013

Related Products:
- Nonmuscle Myosin Heavy Chain II-A Polyclonal Antibody, Purified Catalog Number PRB-440P
- Nonmuscle Myosin Heavy Chain II-C Polyclonal Antibody, Purified Catalog Number PRB-444P