

**MYO10 polyclonal antibody**

Catalog: BS71231

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

This gene encodes a member of the myosin superfamily. The protein represents an unconventional myosin; it should not be confused with the conventional non-muscle myosin-10 (MYH10). Unconventional myosins contain the basic domains of conventional myosins and are further distinguished from class members by their tail domains. This gene functions as an actin-based molecular motor and plays a role in integration of F-actin and microtubule cytoskeletons during meiosis.

**Product:**

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

270kDa

**Swiss-Prot:**

Q9HD67

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

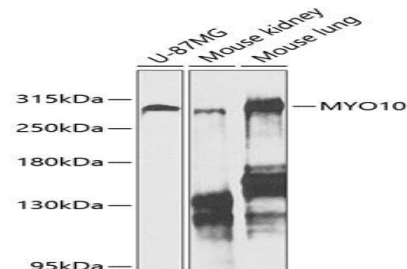
WB, 1:500 - 1:2000 | IF/ICC, 1:50 - 1:200

**Storage&Stability:**

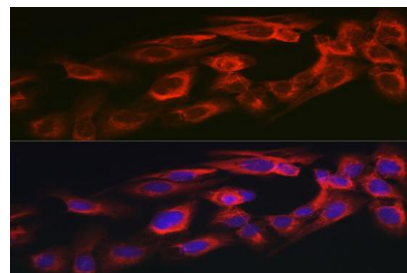
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Category:**

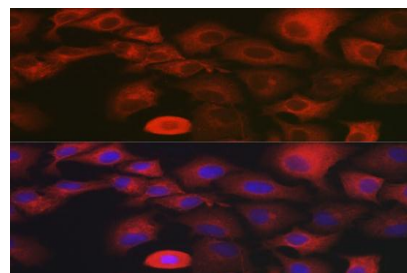
Polyclonal Antibodies

**DATA:**

Western blot analysis of extracts of various cell lines, using MYO10 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 20s.



Immunofluorescence analysis of U2OS cells using MYO10 antibody at dilution of 1:350. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A-549 cells using MYO10 antibody at dilution of 1:350. Blue: DAPI for nuclear staining.

**Bioworld Technology, Inc.**

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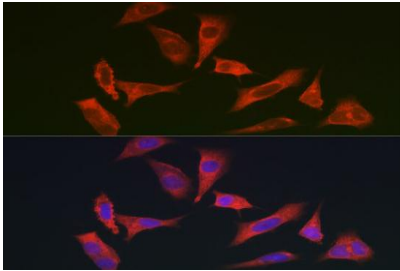
Tel: 0086-025-68037686

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.



Immunofluorescence analysis of HeLa cells using MYO10 antibody at dilution of 1:350. Blue: DAPI for nuclear staining.

**Note:**

For research use only, not for use in diagnostic procedure.

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