

Product Name: KD-Validated MYH10 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01855**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 229.0kDa

Antigen Information

Gene Name	MYH10 MYH10; Myosin Heavy Chain 10; NMMHCB; Myosin, Heavy Polypeptide 10, Non-Muscle; NMMHC-IIB; Myosin-10; Myosin Heavy Chain, Nonmuscle Type B; Cellular Myosin Heavy
Alternative Names	Chain, Type B; Myosin, Heavy Chain 10, Non-Muscle; Myosin Heavy Chain, Non-Muscle IIB; Nonmuscle Myosin II Heavy Chain-B; Non-Muscle Myosin Heavy Chain IIB; Nonmuscle Myosin Heavy Chain IIB; Non-Muscle Myosin Heavy Chain B; NMMHC II-B; NMMHC-B
Gene ID	4628.0
SwissProt ID	P35580
Immunogen	A synthesized peptide derived from human non-muscle Myosin IIB/MYH10

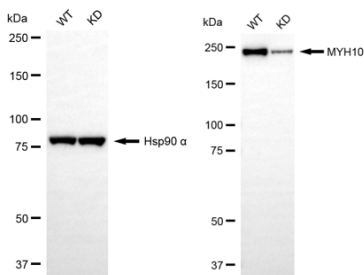
Background

This gene encodes a member of the myosin superfamily. The protein represents a conventional non-muscle myosin; it should not be confused with the unconventional myosin-10 (MYO10). Myosins are actin-dependent motor proteins with diverse functions including regulation of cytokinesis, cell motility, and cell polarity. Mutations in this gene have been associated with May-Hegglin anomaly and developmental defects in brain and heart. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

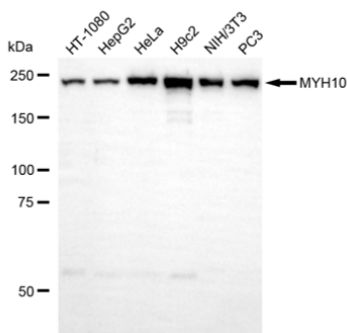
Research Area

Cancer

Image Data



Western blotting analysis using MYH10 antibody (KVA01855). MYH10 expression in wild-type (WT) and MYH10 knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with MYH10 antibody (KVA01855, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using MYH10 antibody (KVA01855). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with MYH10 antibody (KVA01855, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.