

Datasheet for ABIN6243267

anti-Myosin 9 antibody (N-Term)**3** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Myosin 9 (MYH9)
Binding Specificity:	AA 134-165, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin 9 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This MYH9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 134-165 amino acids from the N-terminal region of human MYH9.
Clone:	RB36361
Isotype:	Ig Fraction
Predicted Reactivity:	C, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Myosin 9 (MYH9)
Alternative Name:	MYH9 (MYH9 Products)

Target Details

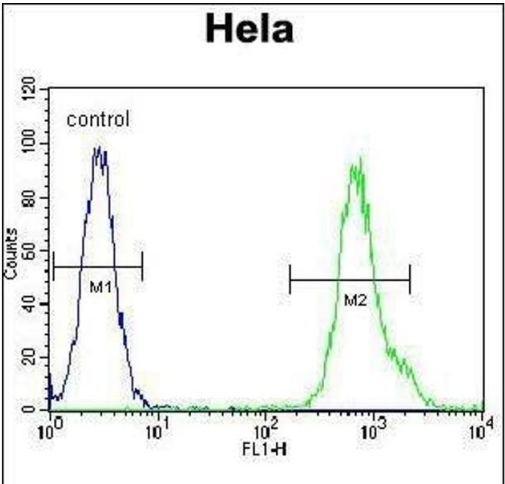
Background:	This gene encodes a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain. The protein is involved in several important functions, including cytokinesis, cell motility and maintenance of cell shape. Defects in MYH9 are the cause of non-syndromic sensorineural deafness autosomal dominant type 17, Epstein syndrome, Alport syndrome with macrothrombocytopenia, Sebastian syndrome, Fechtner syndrome and macrothrombocytopenia with progressive sensorineural deafness.
Molecular Weight:	226532
NCBI Accession:	NP_002464
UniProt:	P35579
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , Integrin Complex

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

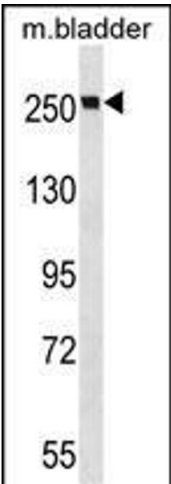
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Expiry Date:	6 months



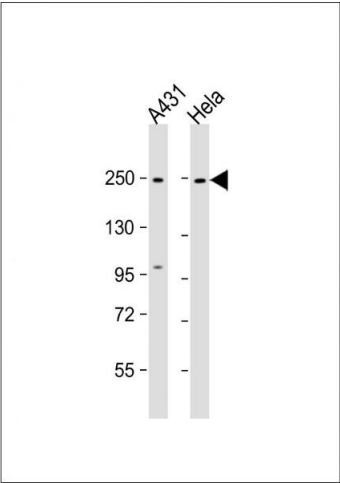
Flow Cytometry

Image 1. MYH9 Antibody (N-term) (ABIN6243267 and ABIN6577348) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. MYH9 Antibody (N-term) (ABIN6243267 and ABIN6577348) western blot analysis in mouse bladder tissue lysates (35 µg/lane).This demonstrates the MYH9 antibody detected the MYH9 protein (arrow).



Western Blotting

Image 3. All lanes : Anti-MYH9 Antibody (N-term) at 1:1000 dilution Lane 1: A431 whole cell lysate Lane 2: Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 227 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.